



# Footwear Chronicle



a member of  
**SATRA**  
THE SHOE AND LEATHER  
ASSOCIATION OF INDIA

OCTOBER - DECEMBER 2021

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An ISO 9001:2015 Certified Institution

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Smt. INNOCENT DIVYA, IAS.,  
MD, TNSDC Inaugurated  
Indian Skills 2021  
Competition For Shoe &  
Garment Making at  
CFTI Chennai



May this year of 2022 be  
A year of Health & Happiness..  
A year of Wealth & Wisdom..  
A year of Peace & Prosperity..  
A year of Glee & Glow  
And also a year of Love & Laughter

*Sewing machines you can rely on*

 **DÜRKOPP  
ADLER**



**YOUR PARTNER  
FOR DÜRKOPP ADLER  
SHOEMACHINES:**

SP INTERNATIONAL  
Plot No. 14, Survey No. 3/33,  
Sun Garden, Kattupakkam,  
Chennai - 600 056  
Cellphone: +91 9444959053  
[vsuresh@spinternational.org.in](mailto:vsuresh@spinternational.org.in)  
[www.spinternational.org.in](http://www.spinternational.org.in)

 **SP INTERNATIONAL**



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# CENTRAL FOOTWEAR TRAINING INSTITUTE

MSME - Technology Development Centre, Chennai  
Ministry of Micro, Small and Medium Enterprises, Government of India  
AN ISO 9001:2015 CERTIFIED INSTITUTION

65/1, GST Road, Guindy, Chennai - 600032, Tamil Nadu, INDIA



# CENTRAL FOOTWEAR TRAINING INSTITUTE





## *From the Director's Desk*

Hello readers,

Wish you all a Happy, Healthy and Prosperous New Year 2022.

I am glad to inform that the data collection for Indian Footwear Sizing System Project has been started and proceeding successfully with completion of 4863 foot measurements comprising of 2372 measurements from Tamil Nadu, 864 in Telangana, 834 in Karnataka, 649 in Kerala and 144 in Puducherry.

I am proud to state that India Skills 2021 South Indian edition was conducted in our Institute with 55 participants of various footwear training Institutes across South India. 2 of our students have qualified to participate in the second round of this competition.

I wish to share that during this quarter the Institute has conducted specialized training programmes on 103 titles with 2129 beneficiaries. Also common facility services have been provided at nominal charges to 44 footwear MSMEs. All footwear MSMEs are requested to make use of these facilities further details are at page no.52

In addition to regular courses CFTI, Chennai conducts skill training programmes sponsored by SC / ST Fee Reimbursement Scheme. A total of 1588 candidates have been trained. 10 rural leather artisans of Karnataka have been trained under sponsorship of KVIC. Further to this, 50 candidates sponsored under ATI scheme are undergoing training at our Vaniyambadi extension centre. Similarly, 80 candidates are undergoing training at our various training centres under the sponsorship of TNSDC.

I am pleased to share with you that Portugal based Ms. RODIRO Fabrica De Calado has approached our Institute for the skilled manpower requirement and are going to recruit a group of trainees.

With all support from Footwear Industry fraternity, the Institute keeps progressing.

This issue of the chronicle consists of articles on

Leather Patchwork Bags

Goodyear Welted vs Cemented Construction

Tips for purchasing good shoes (Hindi)

At one's fingertip – Customers in Industry

Your valuable suggestions are always welcome for the qualitative improvement of the Footwear Chronicle.

Once Again Wishing you all a Very Happy, Healthy and Prosperous New Year 2022.

**K. MURALI**  
Director



## SIGNIFICANT ACHIEVEMENTS DURING THE MONTH OF OCTOBER TO DECEMBER 2021



### **Specialization Training Programmes – Online (Self Financing)**

In the context of COVID-19 lockdown, the Institute conducted in house offline specialization training programmes, through online mode. 103 programmes namely Aari Embroidery, Azure, Business Analyst, Cellphone Service, Chemical Products Making, Digital Marketing, E-Business, Electric Vehicle, Export & Import, Facility Management, Gem, Gold Appraisal, Graphics Design, GST Practitioner, Interior Design, ISO, LSS Black Belt, LSS Green Belt, LSS Yellow Belt, PF/ESI, Project Management Programmer, Property Management, Python Developer, Solar Power Installation, Stock Market, Tally Prime, Technical Training, Block chain, Cell phone service, Construction Safety, Financial Model Analysis, SYOB, HR- Data analysis, Packing Engineer, Payment and Wages, Export T, Export E, LSSGBv, Cargo Clearance, UI Developer, AWS, Cyber security, Data Presentation, Gem, Income Tax, Deployment ML Python, PMP, ISO Healthcare, Robotics & ICD, Industry 4.0, Gold Appraisal, LSS GBm, LSS BBm, LSS Combo, Govt.Tender, LSSBBv, Business Analytics, Gold Appraisal, GST Practitioner, Stock Market trading, LSSYB @ Dhirajlal college, LSSYB @ Surya Advance Excel, Analysing and Visualising- Power BI, AWS cloud, Block Chain, CCNA-CISCO, Chemical Products Making, Circuit Design, Company Accounting, Digital Marketing, Digital Short Film Making, Electric Vehicle, Ethical Hacking, Graphic Design, GST Practitioner, GST -Tally -ERP9, HR-Statutory Compliance, Interior Design, ISMS, ISO Lead Auditor, Lean Six Sigma Black belt, Lean Six Sigma, Lean Six Sigma Greenbelt, Mobile App Development, Mutual Fund, Payment wages, PMP, PoSH, Primary Testing, Real Estate, Secondary Testing, Solar Power Installation, Stock Market, Supply Chain Management, Total Station, 2,129 participants.

### **Skill Training Programmes (Sponsored)**

- ★ CFTI, Chennai conducted 57 Skill Training Programmes for SC/ST Candidates in NSQF approved job role Footwear Stitching Operator under SC/ST fee reimbursement Scheme for 1,588 participants.
- ★ Sandal Designing and Making training was conducted by CFTI Chennai faculty held at Multi Disciplinary Training Centre KVIC Bengaluru, Karnataka for 10 candidates sponsored by KVIC.
- ★ CFTI, Chennai Conducts Assistance to Training Institution (ATI) Scheme Programme on Stitching Operator Footwear Jobrole for the Candidates sponsored by Control Tool Room, Ludhiana.

### **Long Term Courses**

- ★ 31st batch of Diploma in Footwear Manufacture and Design (DFMD) was commenced formally on 18th October 2021 with 31 candidates.
- ★ 22nd batch of Post Graduate Diploma in Footwear Technology (PGDFT) was commenced formally on 20th October 2021 with 13 candidates.





## SIGNIFICANT ACHIEVEMENTS DURING THE MONTH OF OCTOBER TO DECEMBER 2021



- ★ 22nd batch of Post Diploma in Footwear Technology (PDFT) was commenced formally on 20th October 2021 with 07 candidates.

### Medium Term Course

- ★ 09th batch of Certificate Course in Footwear Design and Production (CFDP) was commenced formally on 22nd October 2021 with 18 candidates.

### Events

- ★ Tamilnadu Export Conclave Event was held at “Kalaivanar Arangam”, Chennai on 22nd September 2021. CFTI, Chennai had put up a pavilion which was visited by the Tamilnadu Chief Minister Shri. M K Stalin.
- ★ Shri. Murali K Director CFTI Chennai with his team visited the site at Sriperumbudur being a mentor TC and reviewed about the status of situation about the civil work construction of New Tool room under the Ministry of MSME and discussed with site officials of M/s.EPIL, M/s TCE
- ★ Shri. K Murali, Director CFTI felicitated at a Valedictory function conducted for the candidates of Designing & Footwear making training sponsored by KVIC and trained by CFTI Chennai.
- ★ Governing Council meeting of NIMI, Chennai was held through Video conferencing, which was attended by Hon'ble Minister Shri.Dharmendra Pradhan, Minister for Skill Development & Entrepreneurship, GoI, Shri.Rajesh Agarwal, Secretary MSDE, Smt.NeelamShammi Rao DGT, MSDE, and Shri.Murali K Director CFTI, Chennai.
- ★ Shri.Rolando Felix da costa from M/s RODIRO Fabrica De Calçado, (Portugal), Shri.Sidonia Silva, Shri.Balaji and Shri.Ratinavel visited Shri.Murali K, Director CFTI, Chennai had a meeting regarding their manpower requirements and the team was taken round the workshop and throughout the campus of the Institute.
- ★ Fresher's party FY 2021-22 was conducted by the Institute with introduction & understanding of the Sector & Industries and it's potentiality by Shri. Murali K, Director, to the newly admitted students for the year 2021 and few interaction with seniors, Alumni & Staff of the Institute.
- ★ Pledge by Director, Officers and staffs of the Institute on Vigilance awareness against corruption from Central Footwear Training Institute (CFTI) Chennai under the aegis of Ministry of MSME, Government of India.
- ★ Shri. Murali K, Director, CFTI Chennai visited BBK Shoes near Thiruvannamalai and got information on workforce data in various jobroles in Shoe Upper making to mobilize and conduct training for the demand of the Industry.



## SIGNIFICANT ACHIEVEMENTS DURING THE MONTH OF OCTOBER TO DECEMBER 2021



- ★ *Shri. Murali K, Director, CFTI Chennai and Shri. Sekar Coordinator visited KH Shoes Ranipet to study the work force requirement of the company and in the Other Industries.*
- ★ *India Skill Competition for Shoe and Garment making was conducted at CFTI Chennai on 6th & 07th Dec 2021, with 60 participants from various footwear training Institute. 2 candidates from CFTI, Chennai were selected for 2nd round.*
- ★ *Shri. Murali K, Director, CFTI Chennai and Smt. Innocent Dhivya, IAS MD, TNSDC had a meeting at Tamilnadu Skill Development Corporation, Govt of Tamil Nadu along either officials, to review the training activities.*
- ★ *An appreciation meeting by Shri. Murali K, Director, CFTI Chennai to the participating candidates, staffs and officers of the Institute against the results of Regional Skill Competition happened in South India.*
- ★ *Review meeting was conducted by Shri. Murali K, Director, CFTI Chennai A Mentor TC for Sriperumpudur Technology Centre along with TCI Consultants and EPI Contractors.*

### **Common Facility Services**

- ★ *Common facility services are being conducted by this Institute for the benefit of footwear MSMEs. During the reporting quarter 44 footwear units utilized our services in Dieless Cutting, Lasting and P U Soles manufacturing. Vaniyambadi CFS - 1309 PPE Kits.*

### **Foot Measurement Survey Project**

- ★ *Shri. Dr. K.J Sreeram, Director CSIR - CLRI and Shri. Murali K, Director, CFTI Chennai visited at India Shoes and had meeting with Mr Ashfaq Mecca, Director regarding Indian Footwear Sizing Project.*
- ★ *Team CFTI Chennai conducted a survey and foot measurement by scanners at India Shoes for Indian Footwear sizing Project as a synergy partner of CSIR CLRI in the South covering Kerala, Tamilnadu, Puducherry, Andhra and Karnataka.*
- ★ *Team CFTI Chennai took measurements for Indian Sizing system at India shoes, Chennai in the presence of Shri. Sriram, Director, CLRI and Shri. Murali K, Director, CFTI Chennai.*
- ★ *Foot Measurement Survey was conducted at various states by CFTI Chennai Teams. During the reporting month 2372 measurements have been taken in Tamilnadu, 864 in Telangana, 834 in Karnataka, 649 in Kerala and 144 in Puducherry with this a total of 4863 measurements have been completed.*



## ABOUT THE INSTITUTE



**CENTRAL FOOTWEAR TRAINING INSTITUTE (CFTI)**, Chennai an autonomous Institution under Ministry of Micro Small & Medium Enterprises, Government of India, has been working for development of Human Resources for Footwear & Allied Industries since 1957. The Institute was modernized through UNDP in 1993 and equipped with complete set of modern infrastructure. It conducts various Long term, Short term and Part time techno managerial courses in Footwear, Leather Goods and allied subjects. The Two year Diploma course in "Footwear Design and Production" is accredited with Textile Institute, London and Leicester College of Footwear, UK.

### AIM OF THE INSTITUTE

- (a) To provide training and related inputs to develop and augment a class of trained personnel in Footwear Technology and Allied Industry in the country.
- (b) To develop human resources in Footwear and Allied Industry by introduction of advanced training methods and courses, appropriate knowledge and skills to promote rapid growth of footwear and allied industry in the country.

- (c) To promote in general and particular, the Indian Footwear Industry to attain international standards of production.

### INFRASTRUCTURE

- ❖ The Institute is endowed with complete infrastructure for conducting training programmes.
- ❖ Land & Building at prime location in Chennai.
- ❖ Equipped with complete set of modern machinery tools equipments.
- ❖ Important Footwear Manufacturing & Material testing machines.
- ❖ Well equipped library with text books, periodicals, journals design magazine, SATRA bulletins & handouts related to footwear technology, industry management and trade.
- ❖ Teaching aids including OHP, Slide & LCD Projector, Audio, Video System & Computer, with shoe CAD facilities.
- ❖ Qualified, trained and Experienced Faculty.

### OPPORTUNITY FOR STUDENTS

- ❖ Highly prospective career to suit the need of Footwear and Allied Industry in appropriate levels.
- ❖ Self-Employment by establishing own Industry of the Trade.
- ❖ 95% placement record till date.
- ❖ Suitable base for higher studies in Footwear field.
- ❖ Study at Leicester college of Footwear, UK.

### OPPORTUNITY FOR ENTREPRENEURS & INDUSTRY

- ❖ Providing Techno-Managers to Footwear Industries.
- ❖ Technical Consultancy Services to existing and prospective Industries.
- ❖ Common Facility Services with Modern machinery including Shoe CAD.
- ❖ Process cum Product oriented EDP on Footwear, Leather Goods and Allied Industries.
- ❖ Availability of relevant information of Footwear Industry.
- ❖ Services of Die - Less Cutting System, PU Pouring Machine, Laser Cutting & Engraving machine.

### PRODUCT RESEARCH AND DEVELOPMENT & SHOE CAD

**The Institute through PRD Cell, undertakes:**

- ❖ Responsibility of New Product development as per the given specification and concept.
- ❖ Development of Master Patterns and Grading of the components to different sizes through latest shoe CAD.
- ❖ Conversion of Different pattern files and cutting the patterns there of through Universal Converter system.
- ❖ Training on Shoe CAD.

### OTHER ACTIVITIES

- ❖ Skill Upgradation Courses for Rural Artisans.

- ❖ Exclusive courses for SC/ST, BC/MBC and Women candidates.
- ❖ Courses for International Participants.
- ❖ Linkage with Footwear related Industry, Trade, Association and Organisations.
- ❖ Need Based Training Program for Industry, sponsored candidates.
- ❖ Specialized training programs on Productivity & Quality improvements.
- ❖ Patronized with "The Textile Institute, London, UK".
- ❖ Member of SATRA, UK
- ❖ 2 years Diploma Course approved by TI I Leicester College of Footwear Technology, London and Leicester College of Footwear, UK

### SERVICE TO THE FOOTWEAR INDUSTRY

CFTI through its State of the art machinery provides common facility services to the footwear industries. With the latest machines the Die-Less Cutting System, Sole mould making plant and PU Pouring machine expects to expand the service network to the industry. Further to this the Ambur Sub-Centre of CFTI caters the service needs of the Footwear Industries of Ambur, Ranipet & Vellore.





**M/S. SP INTERNATIONAL -**  
**Proud official dealer of Dürkopp Adler Shoe**  
**machines - world renowned brand**



Company SP International, established in year 2019, proudly works as an authorized sales representative for Dürkopp Adler shoemachines in India. We have employees with experience in this field since 2005. Under management of Mr. Suresh V. company SP International offers a wide range of Dürkopp Adler sewing machines for the shoe manufacturers. Our experts understand your needs and provide solutions to all your requests related to uppermanufacturing. The aim of SP International is to provide the best solution and assistance to our customers - with DA shoe machines.

Our technology supplier is company Minerva Boskovice a.s. located in Czech Republic. It is one of the subsidiaries of German company Dürkopp Adler. Company Minerva is manufacturer of industrial sewing machines under supervision of Dürkopp Adler. Established in 1871, Minerva company has 140-years tradition of sewing machines manufacturing. Minerva produces wide range of sewing machines for shoe production, leather goods, garments and automotive under ISO standards and with CE certificate. Company's know how is based on technical skills and innovative potential of their employees.

**Shoe machines Dürkopp Adler - provided by SP International - PROVEN TECHNOLOGY YOU CAN RELY ON.**

In 2020, representatives of SP International and Minerva had established a co-operation with Central Footwear Training Institute ( CFTI ) in Chennai. During visit of the institute, they were impressed about advancement in technology and the way the institute is managed. They met Mr. K. Murali, the Honorable Director of the CFTI and had agreed to provide latest Dürkopp Adler shoe machines for institute.

Machines were provided to Central Footwear Training Institute (CFTI) for training purposes of students pursuing Diploma and Post Graduate Diploma in "Footwear Design and Production" and also for the upcoming industrial employees to train and acquire skills for the highest productivity managed by latest stitching technology.

Together, we are convinced in better future that starts now - through our young generation.

**Central Footwear Training Institute - THE KEY FOR YOUR SUCCESS !**



**888-160020-M**

- Highest Precision on stitch locking even during sewing speed changes.
- Low noise and vibration.
- Easy throat plate change without tools.
- Simple needle guard adjustment by screw.
- Lubricating system with central oil tank and oil pump.



**878-160722-M**

- Capability of roller presser and wheel feed speed ate quick changing in large scope (gathering function).
- Programmable stitch length adjustment by means of integrated step motor.
- Programmable sewing foot pressure and sewing foot lifting height by means of integrated step motor.
- Electronic needle positioning and moving to a start-stitch position by jog dial.



**888-460522**

- Independently disconnect able left / right needle.
- Integrated 2nd stitch length and switchable thread tension.
- Electro-pneumatic seam back-tacking and pressure foot lift.





## SPECIALISED TRAINING PROGRAMMES

Special Training Programmes –  
Workshop / Online Seminars (Self Financing)



**Industrial Circuit design-** To provide training on electronics circuit design for Engg students to learn and understand the Industry work environment.

Various specialized training programs organized by the specialized training division during the month of October 2021. The objectives of conducting these training programs to enhance basic skills, up skilling in the restive field also to motivate the participants towards entrepreneurship. The program organized such as Solar Power Installation, Chemical Products making, Graphics design, Cell phone services, Digital marketing, HR-data analysis, Export and Import Documentation, GST Practitioner, Business analytics, PF-ESI training, UI developer, AWS, ISO-Lead Auditor, Gold Appraisal and Lean six sigma. Totally 809 participants have participated and benefited by attending these programs. A special speaker has been invited from District Industry Commerce (DIC) and briefed the Financial assistance and support offered by the state and central agencies for the new start ups and existing industries and the participation certificates have been issued for successful candidates.



**Graphics Design-** To provide technical aspects to get job opportunity and as well as encourage them to start business



**Packaging Engineer-** Providing training in a broader perspective of how packing made in the Manufacturing Industry, Shipping and Logistics industry work today.



**Chemical Products Making-** To provide technical aspects for small entrepreneurs gets business opportunity and as well as encourage them to start business



**GST Practitioner-** All new concepts of latest GST norms are mandatory for the general public those who are in small time business and companies to be aware of it and also to have knowledge.



**HR-Statutory Compliance training** provided for broader perspective of how benefits are given to employees from employers through proper channel.



**Cellphone services** -To provide a three day training course on cell phone fault diagnosis and repair to allow you to start repairing on own and start making an income.





## SPECIALISED TRAINING PROGRAMMES



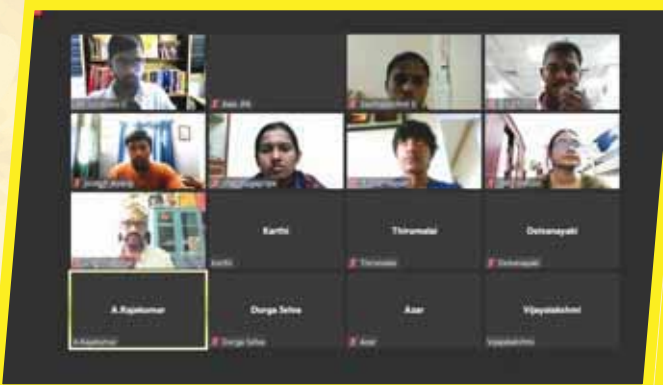
CFTI conducted need based and Industry demand based week-end training programmes. These training programmes were conducted by adapting SOPs issued by government from time to time



Digital short film making - Learning Digital film making to upload in Social Media to Optimiz their business potential.



Mobile add Development -Android studio to build app to run app on a device. How to add interactive buttons and to display a second screen.



Web Design-To provide technical aspects to get job opportunity and as well as encourage them to get skill



Prevention of Sexual Harassment at work place training given to HR Executives in order to maintain and protect women safety at their organisation premises.



Primary Protection testing is very important for Electrical Engg to know the latest trend in Erection and installaion and testing



Stock Trading-Stock Trading Training is to guide the investors and small time business owners to learn the best practices in Stocks and learn the do and don't.



supply chain Management- how the Manufacturing Industry, Shipping and Logistics industry work today. Gives more job openings to fresher and also make small business owners



AARI EMBROIDERY To ensure women gets job opportunity and as well as encourage them to start business



### **Khadi and Village Industries Commission (KVIC)**

CFTI, Chennai implemented the KVIC's programme for the year 2021-22 at Bangalore, Karnataka to 10 leather artisans undergoing skill development on "Footwear Designing and Making" KVIC pilot project on Footwear. Bangalore training programme is of non residential type. The Objective of the programme is to develop and upgrade the skill of Footwear Artisans in the area of Designing & Pattern Cutting of different components and Footwear Making. In the two months duration, the footwear artisans involved in making chappals, sandals and shoes in leather footwear cluster will upgrade their skills in Footwear designing and making.

### **Skill Training Programmes (Sponsored)**

Skill Training for 4500 candidates under SHG program have been proposed, in which CFTI has successfully completed training to 1200 candidates. Skill Training Programmes are provided to SC/ST Candidates in NSQF approved job roles under SC/ST fee reimbursement Scheme. During the one month course duration, Practical and Theoretical training are

provided to the candidates for the job roles under Stitching operator footwear or Stitcher leather Goods & Garments. After completion of assessment and declaration of results, Course completion certificates are distributed to successfully completed candidates at various training centres in Tamilnadu. Placements to the candidates are at various stages as the factories are reopening after shutdown imposed due to COVID19 - Pandemic.

### **Skill Training under the TNSDC Program**

CFTI, Chennai has commenced Skill Training Program for 80 candidates under TNSDC (Tamil Nadu Skill Development Corporation) Sponsorship in Stitching Operator Footwear NSQF Approved Job Role.

### **Skill Training under the ATI (Assistance to Training Institutions) Scheme**

CFTI, Chennai has commenced Skill Training Program for 50 candidates of 2 Batches (Each Batch 25 Candidates) at Vaniyambadi, CFTI Extn Centre in this quarter under CTR (Central Tool Room), Ludhiana Ministry of MSME Sponsorship in Stitching Operator Footwear (LSS/Q2501) NSQF Approved Job Role.





## SKILL TRAINING PROGRAMMES



**CFTI Chennai conducts Training Program for the candidates under fee reimbursement scheme for the Goods and Garments Job role at various centres**

For the month of October 2021 - 657 candidates (26 batches) got trained by CFTI - Chennai for the job role of Stitcher Leather Goods & Garments, Operator Stitching Footwear and Footwear Designing and Making. Total training hours are 300 hrs (38 days). SHG and KVIC program have been conducted in the month of October 2021. CFTI Trainers distributed the Training Materials to the selected trainees before the start of the training program. Training program includes Practical and theory classes. Practical classes will consist of cutting, skiving, attaching and stitching the leather materials. Finally, Assessment was conducted to all the trainees. Once the assessment is completed, based on the candidate's performance the Course Completed Certificate will be distributed to them. Placement Opportunities were provided to all candidates in reputed Shoe Factories for the above mentioned job roles.



Training Materials Distribution-SHG



Training Materials Distribution-SHG



Theory Class-KVIC



Practical -SHG



Practical -SHG



SHG-Assessment



Group Photo-KVIC



Certificate Distribution-SHG



Certificate Distribution-SHG





## SKILL TRAINING PROGRAMMES

CFTI Chennai conducts Training Program for the candidates under fee reimbursement scheme for the Goods and Garments Job role at various centres



For the month of November - 566 candidates (20 batches) got trained by CFTI - Chennai for the job role of Stitcher Leather Goods & Garments and Operator Stitching Footwear. Total training hours are 300 hrs (38 days). SHG and ATI program have been conducted in the month of November 2021. CFTI Trainers distributed the Training Materials to the selected trainees before the start of the training program. Training program includes Practical and theory classes. Practical classes will consist of cutting, skiving, attaching and stitching the leather materials. Finally, Assessment was conducted to all the trainees. Once the assessment is completed, based on the candidate's performance the Course Completed Certificate will be distributed to them. Placement Opportunities were provided to all candidates in reputed Shoe Factories for the above mentioned job roles.



Training Materials Distribution



Theory Class



Practical



ATI Group Photo



Group Photo



Certificate Distribution-KVIC



Certificate Distribution-KVIC



Certificate Distribution





## SKILL TRAINING PROGRAMMES



**CFTI Chennai conducts Training Program for the candidates under fee reimbursement scheme for the Goods and Garments Job role at various centres**

For the month of December - 615 candidates (22 batches) got trained by CFTI -Chennai for the job role of Stitcher Leather Goods & Garments and Operator Stitching Footwear. Total training hours are 300 hrs (38 days). SHG, TNSDC and ATI program have been conducted in the month of December 2021. CFTI Trainers distributed the Training Materials to the selected trainees before the start of the training program. Training program includes Practical and theory classes. Practical classes will consist of cutting, skiving, attaching and stitching the leather materials. Finally, Assessment was conducted to all the trainees. Once the assessment is completed, based on the candidate's performance the Course Completed Certificate will be distributed to them. Placement Opportunities were provided to all candidates in reputed Shoe Factories for the above mentioned job roles.



Theory Class



Practical



Practical



Practical



Practical



Group Photo



Group Photo



Certificate Distribution



Finished Products





IndiaSkills2021 Regional Competition South participants ready to showcase their Skills in Shoes & Garment making CFTI Chennai with the Leather SSC team.







IndiaSkills2021 Regional Competition South participants ready to showcase their Skills in Shoes & Garment making CFTI Chennai with the Leather SSC team.







Freshers party FY 2021-22 conducted by the Institute with introduction & understanding of the Sector & Industries and it's potentiality by Shri.Murali K,Director, to the newly admitted students for the year 2021 and few interaction with Seniors, Alumni & Staff of the Institute.







## CFTI Chennai celebrates Ayudha Pooja in the Premises.



Shri. Murali K Director CFTI Chennai with his team visited the site at Sriperumbudur being a mentor TC and reviewed about the status of situation about the civil work construction of New Tool room under the Ministry of MSME and discussed with site officials of M/s.EPIL, M/s TCE







An Valedictory function to the candidates sponsored by KVIC and trained by CFTI Chennai is being felicitated by Mr.K Murali, Director CFTI, Mr. Shekar Rao, Special Member KVIC, Mr. Pandey CEO, KVIC South Zone, Mr. Mohan Rao State Director KVIC Bangalore, Mr. Muthuraj DGM LIDKAR



Meeting of Shri.Rolando Felix da costa from M/s RODIRO Fabrica De Calcado, (Portugal), Shri.Sidonia Silva, Shri.Balaji and Shri.Ratinavel with Shri.Murali K, Director CFTI, Chennai and workshop tour taken by the team throughout the campus of the Institute.







Shri K. Murali Director CFTI, Chennai on a visit at Extension Centre at Vaniambadi and discuss with the team and the staff for improvement of services and training at place.



Pledge by Director, Officers and staffs of the Institute on Vigilance awareness against corruption from Central Footwear Training Institute ( CFTI) Chennai under the aegis of Ministry of MSME, Government of India





## DEVELOPMENT OF THE INDIAN NATIONAL FOOTWEAR SIZING SYSTEM TEAM CSIR-CLRI AND TEAM CFTI, CHENNAI



### Preamble

The Development of an Indian National Footwear Sizing Project is being undertaken to arrive at the Revision of the IS 1638:1969 "Standard for Specification for Sizes and Fittings of Footwear" which was reaffirmed in 2004. The revised Standard IS 1638:2022 would be the output of this project.

This Project is being carried out under the aegis of DPIIT, Ministry of Commerce and Industry, Government of India and is being led by CSIR-CLRI, Chennai in association with Synergy Partners across the Country, of which CFTI, Chennai is one of the most prominent partners in this project of NATIONAL IMPORTANCE.

### Need for an Indian National Footwear Sizing System

- ★ Design of footwear is a multidisciplinary task spanning many fields of Science & Engineering.
- ★ Comfort of a shoe and proper foot health is ensured by a proper footwear size.
- ★ In the absence of a 'Footwear Sizing System' in India, it is imperative that an 'Indian Footwear Sizing system' be developed based on the Foot Dimensions of the Indian feet.
- ★ CSIR-CLRI under the aegis of Department for Promotion of Industry and Internal Trade, Government of India, Ministry of Commerce is conducting a nationwide survey for reliable data on foot dimensions of the Indian population using 3D Digital Imaging technique to establish the Indian Footwear Sizing System.
- ★ CFTI, Chennai has been entrusted with the responsibility of conducting the Foot Measurement Survey in the entire South Zone comprising of the States of Andhra Pradesh, Telengana, Karnataka, Kerala and Tamilnadu and the Union Territory of Puducherry.
- ★ For very long, INDIA has been following the British Shoe Sizing System with equivalents to the European and American sizes.
- ★ The Indian consumer is getting increasingly aware about FOOT Comfort and Foot Health. Not always do the English sizes fit the shoe.
- ★ The Indian National Footwear Sizing System that is being developed will help the populace to get well fitting shoes that adhere to the contours of their feet thus ensuring perfect fit and comfort and also prevent foot debilitations.



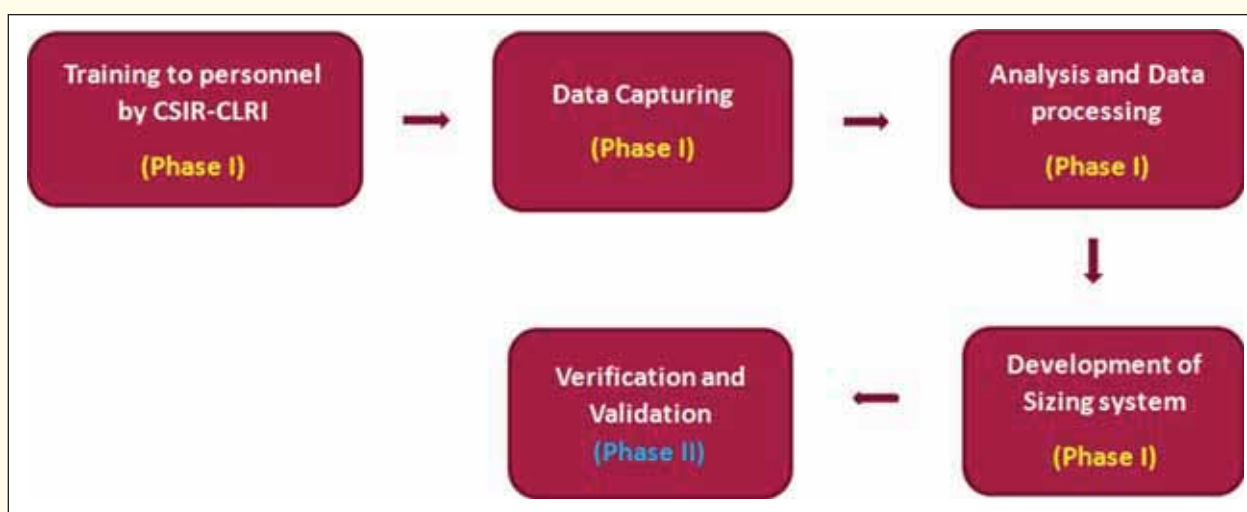


## DEVELOPMENT OF THE INDIAN NATIONAL FOOTWEAR SIZING SYSTEM TEAM CSIR-CLRI AND TEAM CFTI, CHENNAI



- ★ Difficulties in adapting to prevalent Sizing Systems
- ★ The European and French Standards have differential grading of Footwear Sizes.
- ★ For example, in the UK Standard, the Foot Length has an increment of 8.46 mm from one size to the next size, while the Foot Girth has an increment of 6mm from one size to the next size.
- ★ In the French Standard, the Foot Length has an increment of 6.66 mm from one size to the next size, while the Foot Girth has an increment of 5mm from one size to the next size.

### Working Methodology



### Methodology of developing the National Footwear Sizing system

- ★ It is developed based on the Foot anthropometric survey of the local population.
- ★ To design the survey it is first necessary to zonate the country (North Zone, Gangetic Basin Zone, North East Zone, West Zone and South Zone).
- ★ The next step is to determine the place where the survey has to be carried out. In this process the help of NSSO was sought to identify the regions of measurement.
- ★ These regions must be truly representative of the foot characteristics of the cluster of local Population in and around the identified region.
- ★ Once the regions are identified it is important to determine a sample size which would be the basic minimum of the number of people whose foot would have to be measured.
- ★ This sample size is determined based on Statistical algorithms and previous successful Foot Anthropometric Surveys.
- ★ We then need to divide the population in to various age groups. This requires a study of growth rate patterns of boys, girls, men and women.
- ★ From statistical trials and analysis it has been concluded that the growth rate of children (boys and girls) is the same in the age groups four to eleven years.
- ★ From age twelve the growth rate of boys and girls foot are different up to the age of 18 years.



## DEVELOPMENT OF THE INDIAN NATIONAL FOOTWEAR SIZING SYSTEM TEAM CSIR-CLRI AND TEAM CFTI, CHENNAI



- ★ *The girl's foot is much smaller as compared to boy's foot in this age group.*
- ★ *Beyond the age of 19 years the growth rate of foot for both boys and girls plateaus and this*
- gives rise to uniform sizing for both men and women in the age group 19 years and above.*
- ★ *Hence we find that measurements have to be carried out for the following five age groups.*

<b>Group - I</b>	Children (Boys and Girls)	4 to 11years
<b>Group - II</b>	Girls1	2 to 18 years
<b>Group - III</b>	Boys	12 to 18 years
<b>Group - IV</b>	Men's	19 years and Above (we measure upto Age 55)
<b>Group - V</b>	Women's	19 years and Above (we measure upto Age 55)

### Demographic Survey

Based on the Country's population, it has been statistically estimated that a Total of 1 Lakh Foot measurements across all Genders, Age Groups and Locations pan India would be sufficient to

accurately derive the Indian Footwear Sizing System. System that is being developed will help the populace to get well fitting shoes that adhere to the contours of their feet thus ensuring perfect fit and comfort and also prevent foot debilitations.



- ★ *Once the Foot Data is collected then we have to carry out a detailed Statistical Analysis to:*
- ★ *To reveal the differences among various groups and geographical areas*
- ★ *To determine the characteristic age and size groups*
- ★ *To Set the basic measurements to be used for marking sizes of footwear*
- ★ *To establish the size ranges providing the required coverage of the population*
- ★ *To Produce rules and numerical database for designing well fitting shoe lasts*





## Measuring Principle

- ★ The Foot Measurement Technology that would be used is the most advanced “3D Digital Imaging” technique which comprises of a 3 Dimensional foot scanner which scans the foot form and the anatomical landmark points and measures automatically over 25 foot measurement

## PROCESS FLOW for Data Capture and Statistical Investigations

- ★ The images which are captured and stored are processed by using Mathematical Algorithms
- ★ The Analysis of these Foot Images leads to finding their boundaries, determining linear measurements and typical angles according to a predefined network.

parameters through an optical laser scanning system.

- ★ The scan data is captured as a cloud point data and can be saved and exported to various file formats like CSV, DXF, VRML and STL for further Statistical investigations.
- ★ The pixel graphic picture files are converted to vectorized data stream for retrieval of foot data.
- ★ The basis of the statistical data analysis is the unified database retrieved from numerical data collection after analyzing all the foot images and the calculations based on these graphics images lead us to deriving the Indian Foot Sizing system.

## The Scientific Process



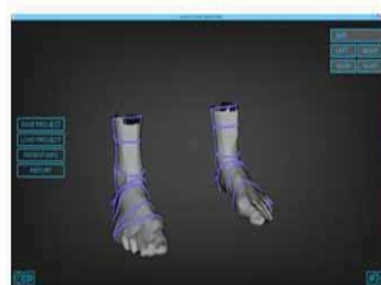
### Digital Data Capture

Foot contour in weight on position  
3D scan  
25+ Parameters



### .stl files

Process using mathematical algorithms  
Vectorized data – foot data  
.stl files and .csv files for analysis



### Statistical analysis of Data

Grouping of data into sizes  
Establishing length – width increment  
Last grading parameters  
Derive equivalence with English and French Standards – For ease of industries and users



Data to be protected at CSIR-CLRI  
To be revised every 20 – 25 years  
to accommodate lifestyle changes



## DEVELOPMENT OF THE INDIAN NATIONAL FOOTWEAR SIZING SYSTEM TEAM CSIR-CLRI AND TEAM CFTI, CHENNAI



### ***The end objectives of the Statistical Investigations are:***

- ★ To identify the length and width ranges required to cover the need of the local population for footwear,

- ★ To define proportions and rules of constructing shoe lasts required for providing well-fitting and healthy footwear.

### **WORK FLOW and DELIVERABLES**

WORK FLOW Activity	Deliverables
1. Synergy Partners, NSSO & number of measurements	<ul style="list-style-type: none"> <li>➤ Firm up Synergy Partners and onboard them on to the project.</li> <li>➤ Establish linkages with National Sample Survey Office (NSSO), GOI to determine the sample sizes for measurements pan India</li> <li>➤ Freeze on the total number of measurements and places of measurements for carrying out the countrywide Foot Measurement Survey.</li> </ul>
2. Zonation, age and gender groups, Foot Survey equipment	<ul style="list-style-type: none"> <li>➤ Zonate the country for gathering the regional data.</li> <li>➤ Determine the various Age and Gender groups to apportion the exact number of measurements in each such group identified.</li> <li>➤ Identify the Foot Survey Equipment (3D Foot Scanner, Computers, Consumables and Tools) required and spell out the detailed specifications for all such equipment for Tendering.</li> </ul>
3. Form Teams and allocate measurement locations	<ul style="list-style-type: none"> <li>➤ Identify the equipment for procurement.</li> <li>➤ Form Teams at the Synergy Partner's end that will travel to the locations identified for the Survey and conduct the Foot Measurement survey.</li> <li>➤ Allocate exact number of Foot Measurements in each Age and Gender group that would be carried out and also identify the co-ordinating Agency for each location.</li> <li>➤ Identify the exact Measurement Locations (Schools, Colleges, Offices, Defence Establishments/ Factories/ Housing Societies) and get the requisite permissions, approvals and clearances from them to carry out the survey in their premises.</li> </ul>





## **WORK FLOW and DELIVERABLES**

<b>WORK FLOW Activity</b>	<b>Deliverables</b>
<b>4. File naming protocols, training</b>	<ul style="list-style-type: none"> <li>➤ Receive and install the equipment them at desired locations.</li> <li>➤ Evolve the File naming Protocol for unique filenames for each foot measured.</li> <li>➤ Rigorously train all the Team Members identified from CSIR-CLRI as well as from the Synergy Partners to handle the Foot Survey Equipment and carry out a very accurate Data Collection.</li> <li>➤ Validate the Test Data collected from all the Team Members and check for its accuracy and correctness.</li> </ul>
<b>5. Field data collection</b>	<ul style="list-style-type: none"> <li>➤ Field DATA COLLECTION (1 lakh Measurements) at various locations throughout the country to collect the FOOT MEASUREMENT DATA of the total number of feet identified for measurements in the various Age and Gender Groups at all identified locations pan India by the various Teams formed.</li> </ul>
<b>6. Collection and merging of data</b>	<ul style="list-style-type: none"> <li>➤ Collection of all the FOOT MEASUREMENT DATA (1 lakh Measurements) from all the TEAMS who carried out the Survey throughout the Country.</li> <li>➤ Merging of all Data Collected into a Master Data Base.</li> <li>➤ Checking databases of collected foot measurements.</li> <li>➤ Rechecking positions and values of randomly selected foot measurements and comparing with those exported by the 3D Scanner control program for establishing correction factors.</li> </ul>
<b>7. Preliminary statistical analysis, data-base processing, testing, implementation and computation</b>	<ul style="list-style-type: none"> <li>➤ Statistical Analysis to find out the Means and Deviations of the important foot parameters.</li> <li>➤ Preparation of database processing programs.</li> <li>➤ Preparation, testing and implementation of a Windows based program for processing databases of collected foot measurements.</li> <li>➤ Computation of mathematical statistical parameters and characteristics.</li> </ul>



## **WORK FLOW and DELIVERABLES**

<b>WORK FLOW Activity</b>	<b>Deliverables</b>
<b>8. Detailed statistical analysis</b>	<ul style="list-style-type: none"> <li>➤ Detailed Statistical analysis of collected data</li> <li>➤ Applying mathematical statistical methods for analyzing collected foot measurements</li> <li>➤ Statistical Analysis of related anthropometric data (determination of averages, standard deviations, medians, ranges)</li> </ul>
<b>9. Correlation and regression analysis for establishing interdependences</b>	<ul style="list-style-type: none"> <li>➤ Application of statistical tests for distinguishing subsets of databases.</li> <li>➤ Finding suitable Distribution models for dispersed Data Sets.</li> <li>➤ Correlation and regression analysis for establishing interdependences among measurements.</li> </ul>
<b>10. Footwear size ranges, establishing footwear size groups</b>	<ul style="list-style-type: none"> <li>➤ Recommendations for Footwear size ranges.</li> <li>➤ Establishing of Footwear size groups.</li> <li>➤ Determination of size ranges and width group variants together with their respective size demand coverage..</li> </ul>
<b>11. Model shoe last dimensions</b>	<ul style="list-style-type: none"> <li>➤ Recommendation for shoe last dimensions.</li> <li>➤ Compilation of measurements for size-groups' middle sized shoe lasts.</li> <li>➤ Determination of girth/width increments (shoe size grading parameters) for the established size groups and width tables.</li> </ul>
<b>12. Derive equivalence of recommended sizing with other international sizing systems.</b>	<ul style="list-style-type: none"> <li>➤ Derive the Shoe Last Bottom patterns as well as specify the LAST parameters to manufacture the LASTS for the different size and width groups that get defined by our survey data analysis.</li> <li>➤ Derive equivalence of recommended sizing system with other International sizing systems.</li> </ul>
<b>13. Final recommendation of Indian National Footwear Sizing System</b>	<ul style="list-style-type: none"> <li>➤ Compilation of the final document describing the Data Analysis Methodology and procedure, setting out the recommendations for the elaborated shoe size system and FINALLY RECOMMENDING the INDIAN NATIONAL FOOTWEAR SIZING SYSTEM.</li> </ul>





**DEVELOPMENT OF THE INDIAN NATIONAL FOOTWEAR SIZING SYSTEM  
TEAM CSIR-CLRI AND TEAM CFTI, CHENNAI**



**FOOT MEASUREMENT SURVEY BEING CARRIED OUT BY TEAM,  
CFTI, CHENNAI AT VARIOUS LOCATIONS**

*The Foot Measurement Survey as part of the project on the “Development of the Indian National Footwear Sizing System” under the aegis of DPIIT, Govt. of India & CSIR-CLRI, Chennai has commenced.*

*The Foot Measurement Survey commenced in the presence of Dr KJ Sreeram, Director, CSIR-CLRI and Shri K Murali, Director, CFTI, Chennai with Shri Ashfaque Ahmed Mecca, Managing Director, M/s India Shoes Ltd., Chennai in attendance at the factory premises of M/s India Shoes Ltd., Chennai on 2nd December 2021.*



CFTI, Chennai is a “Synergy Partner” in this project and has been given the responsibility of carrying out 18,000 foot measurements in South Zone. The photographs below capture the work being done by CFTI, Chennai at the various locations in South Zone.



Foot Measurements being carried out  
at MES Mampad College, Malappuram, Kerala



Foot Measurements being carried out  
at Amal College of Advanced Studies, Malappuram, Kerala



Foot Measurements being carried out at Mar Thoma College, Chungathara, Malappuram, Kerala





**DEVELOPMENT OF THE INDIAN NATIONAL FOOTWEAR SIZING SYSTEM  
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Foot Measurements being carried out at International Advanced Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad, Telangana



Foot Measurements being carried out at Defence Research & Development Organization (DRDO) Township, Kanchanbagh, Hyderabad, Telangana



Foot Measurements being carried out at Tumkur Police Quarters, Bar Line, Tumkur, Karnataka



Foot Measurements being carried out at University College of Science, Tumkur University, Tumkur, Karnataka





**DEVELOPMENT OF THE INDIAN NATIONAL FOOTWEAR SIZING SYSTEM  
TEAM CSIR-CLRI AND TEAM CFTI, CHENNAI**



Foot Measurements being carried out at International  
Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Chennai, Tamilnadu



Foot Measurements being carried out at Chennai Boys Higher Secondary School, Saidapet, Chennai, Tamil Nadu



Foot Measurements being carried out at Tagore Government Arts and Science College, Lawspet, Puducherry



Foot Measurements being  
carried out at Kanchi Mamunivar  
Centre for Postgraduate Studies  
& Research (Autonomous),  
Lawspet , Puducherry.





Review meeting conducted by Shri.Murali K Director, Chennai;  
A Mentor TC for Sriperumbudur Technology Centre along with  
TCI Consultants and EPIL Contractors.



Appreciation meeting by Shri.MURALI K Director, CFTI Chennai to the participating candidates,  
staffs and officers of the Institute against the results of Regional Skill Competition happened in South.



Shri.Murali K Director CFTI, Chennai and Smt.Innocent Dhivya IAS MD, TNSDC during their  
meeting at Tamilnadu Skill Development Corporation, Govt of Tamil Nadu along either officials.







Hon'ble Minister Shri.DHARMENDRA PRADHAN, Minister for Skill Development & Entrepreneurship,Gol, Shri.Rajesh Agarwal, Secretary MSDE, Smt.Neelam Shammi Rao DGT, MSDE, Shri.MURALI K Director CFTI, Chennai at a Governing Council meeting of NIMI,Chennai through Video conferencing.



Shri.Murali K Director CFTI, Chennai at Governing Council Meeting of Leather Sector Skill Council LSSC, along with Shri.AQUEEL AHMED, Chairman LSSC, Shri.Sanjay Leekha, Chairman CLE, Shri.Selvam IAS,ED CLE, CLE LSSC and other prominent members as Industrialists from the country.





Inspection by Shri. MURALI K Director, CFTI Chennai to the training centre for the candidates trained by Central Footwear Training Institute in the NSQF Jobrole of "Stitcher for leather goods" near Gudiyatham.



Visit by Shri. MURALI K Director CFTI, Chennai and Shri.Sekar Coordinator to KH Shoes Ranipet to study the work force requirement of the company and in the Other Industries.

Shri.Sriram, Director CLRI and Shri.Murali K Director CFTI Chennai during their visit at India Shoes and meeting with Mr Ashfaque Mecca, Director for Indian Footwear Sizing Project



Meeting by Mahatma Gandhi National Fellowships Shri.Aswin Leno, Shri.Kiran Prakash and Shri.Ramya from Indian Institute of Management IIM Ranchi with Shri.Murali K, Director CFTI Chennai, Ministry of MSME, GoI





Team CFTI Chennai on the job of taking measurements for Indian Sizing system at India shoes, Chennai and the same was visited by Shri.Sriram Director CLRI and Shri.Murali K Director CFTI Chennai.



Visit by Shri.Murali K Director CFTI Chennai at BBK Shoes near Thiruvannamalai and got information on workforce data in various jobroles in Shoe Upper making to mobilize and conduct training for the demand of the Industry.







## INNOVATIVE DESIGNS BY CFTI STUDENTS

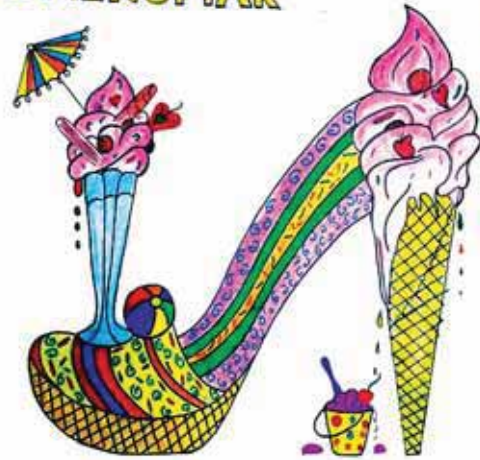


**P. JAIKUMAR** 31st DFMD

Though ice cream has a rich history, no specific of origin nor inventor has been credited with it's discover. An ice- cream like a food was first eaten in china 618-97 A.D king tang of Shang ordered "ice men" to create a dish out of buffalo milk, flour and camphor. Ice cream is a frozen dessert made from cream and ice with added flavours and sweeteners. This mixture is quickly frozen while it is stirred continuously in a mixer, so that large ice crystals do not form. Same ice cream is made with carrageen an, a gum found in seaweed so that is not a sticky and easily eatable.

**P. JAIKUMAR**

**31<sup>ST</sup>  
DFMD**



**THEME - ICE CREAM**



**PRASANTHI** 31st DFMD

Peacock is a bird that Carrie huge. National importance in India most notes worth the bird are famous for its beautiful vibrant color. The peacock is popular for its spectacular beauty it certainly has a hypnotic appearance. Watching it dance during the monsoon season is a great pleasure experience its beautiful color instantly bring comfort to the eyes the peacock has significant religious involvement in India traditions. Due to this peacock was declared as the national bird of India







## WOOD PECKER



Designer Name - **MOHAMED ZUBAIR**, Sr. Design Faculty, CFTI, Chennai.

Theme-**Wild Animals**

### Upper Details

1. Upper strap one has image of cheetah
2. Upper strap 2 has image of tiger, laser engraving in this upper component done in laser engraving M/c
3. Unique style of development

### Bottom Details

1. Insole width 5mm vegetable tanned leather
2. Jole width 5mm vegetable tanned leather

### Description

1. Insole has image of vulture x colure snake done in laser engraving technology
2. Colour-Brown
3. Size -9/43

### Finishing

Wooden finish anti look

Melton maim natural k dark brawn in the ratio of 1:3 to wooden finish looks

Foam to be used (sea foam)



## LEATHER PATCH WORK BAGS

### Brief of history of patchwork

The history of patchwork dates back to about 5000 years to early china and the ancient toms of Egypt. The making of patchwork blossomed in the 18th century and can be attributed to the various advancements in technology within the textile manufacturing industry.

Patchwork was mostly used on quilt, bags clothing, wall hanging to mention a few later by the 1960, patchwork had become a street fashion and until today, it still remains a shapes in the fashion industry and most homes around the world. Although patchwork was once a symbol of poverty and now a days it will turn as a value added products for local and international export market.

### Description of leather patchwork

Patchwork is a very nice and economical way of putting into good use the piles of leather pieces you'd have after a few leatherwork projects. It's simply one of the most creative ways to recycle leather and not to get you over-excited for nothing, but it's important to add that the impressions you can create in leather patchwork is absolutely fantastic outcome products.

Leather patchwork is a leather decorative technique which involves joining scraps of leather pieces together by gluing/ironing with reinforcement materials and stitching to form a picture, pattern or one whole pieces of leather. Leather patchwork doesn't only involve using scrap pieces of leather but also leather can be cut and joined to form a design.

Being able to nail a very good patchwork to a large extent depends on

how well you understand certain fundamental principles of art design such as color, shapes harmony.



Leather patchwork techniques will give your leather work project a unique artistic touch. The patterns you will create are going to be totally different shape in the end product.

Most of the people who patronize leather work design and because although their leather items may have been made commercially, the patterns that result on each leather item make it one of a kind.



This technique is especially exulted using different places of leather leftovers and it's guaranteed these pieces of leather matched will never be the same it colors, shapes or size.

### Advantages of patchwork products:-

- \* The accumulation of leather scarps can be avoided by converting into value added products.
- \* Although end use of leather scarp materials can be recycle for making leather board for use again as a reinforcement material for leather products.
- \* The patchwork definitely gives different ideas and application methods to focus on creative designs in leather patchwork products.

Here some of the leather patchwork designs were developed in the leather goods division as a concept of "wealth from waste"



By **Mr D DILEEPKUMAR**  
Leather goods designer,  
CFTI-Chennai

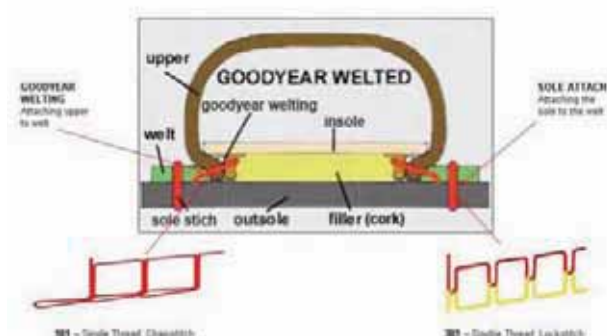


## GOODYEAR WELTED VS CEMENTED CONSTRUCTION

It's not always true that the more expensive something is, the better its quality. Yet, when we compare good year welted shoes to cemented, rubber-soled ones, they are thought to be more superior in terms of appearance, comfort, and durability. When it comes to shoes, appearance and comfort is, for the most part, subjective; durability has got to do with how well the shoes are being cared for and how often they are worn. This gives us good enough reason to try and debunk some of the misconceptions that most of us might have for both types of constructions.

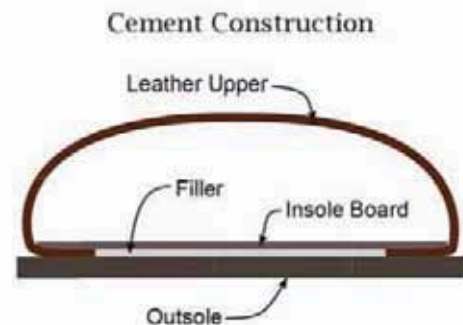
Lest we become a shoe snob, the aim here is to have a better understanding of our shoes in order to make informed purchases in the future.

For the benefit of our friends who have no idea what a goodyear welt or a cemented construction is, let us first start with a brief explanation of the two types of constructions.



The good year welt, there are several layers involved in this construction, which supposedly makes your shoes sturdier. Coupled with the secure locksmith stitching, your soles are not expected to fall apart at all. The multiple steps and layers of this form of

construction makes the costs of production high.



Cemented construction is simply attaching a rubber sole to the shoe, without any welting. This is by far the cheapest, and quickest shoe construction, thus lowering the overall costs of production. This is the most common construction for casual shoes, like sneakers.

Now that we have gotten the explanations out of the way, we will be comparing them across three categories of interest to us: Comfort, durability and appearance.

### COMFORT

**Goodyear welted:** The area between the insole and outsole is stuffed with filler materials, like cork, to provide some form of cushioning. Given leather's shape-conforming attribute, you can expect the leather sole to be moulded to the natural contour of your feet over time, which is supposed to improve comfort. The number of layers also determine how comfortable your shoes will get; the more layers there are, the more cushioning there is. However, one thing about leather soles is its lack of grip, which can prove to be problematic in places receiving a lot of rain.

**Cemented:** As you can guess, rubber soles have a better grip, so you need not worry about that embarrassing slip as you're sashaying down the road for your coffee fix on a rainy day. Another thing to consider is how cemented shoes require a shorter break in time simply because it is not entirely made of leather. Also, given its thickness, rubber soles act as a better shock absorber, making cemented shoes a more ideal pair if you are frequently walking on cobblestoned, uneven paths. At this point, it would be useful to point out that in spite of all these, it still wouldn't be comfortable to keep your feet strapped to a pair of hard, rubber soles all day day.

In terms of comfort, both have their pros and cons. For the friends who do not like long break in periods for your shoes, perhaps a cemented pair would be preferred. Or, if you are someone that won't be wearing those oxfords for a whole day, and wouldn't mind spending a little more, perhaps you would prefer a pair of goodyear welted shoes.

## APPEARANCE

Goodyear welted shoes are thought to be more formal than its cheaper counterpart. After all, you are paying a premium for it, and this is good enough reason believe that it will sharpen your look. But if we were to closely follow the train of thoughts at a deeper level, some feel that a thinner leather sole instantly smartens up your suiting.

Yet, there is no hard and fast rule in formality and thickness of the soles; not many people are going to notice how thick your soles are, especially from a

distance. Additionally, some well-made cemented shoes can have a thinner sole than good year welt ones. Ultimately, if you're one of those who feel that soles aren't that important in your entire suiting, I would recommend skipping paying a premium for those leather soles.

## DURABILITY

Finally, the (most important) question that decides whether a pair of shoes is worth the buck. If you're going to invest a few hundred in a pair of dress shoes, then you would want it to last you a good few years.

**Goodyear welted:** If leather wears out over time with continuous wear, it follows that the number of layers of leather determines how durable the shoes are. Its stitching also makes it highly unlikely for the soles to detach. However, its durability is undermined when your shoes get wet, causing the leather to disintegrate from within.

**Cemented:** Depending on the quality of the rubber, cemented shoes can be sturdier than good year welted ones. They are resistant to wear and tear, as well as moisture accumulation given its water-resistant attribute. However, a poorly made cemented shoe could potentially crack at the soles, or have the glue wear off.

To be fair, we would have to consider other factors that could undermine a durability of a shoe, no matter how well made it is.

**Shoe care** - Just like other leather goods, leather shoes need some TLC too. Without proper shoe care, the leather at the upper would crease and



wear out faster than normal. To improve the durability of your shoes, it is advisable getting shoe care supplies.

Frequency of wear - Our feet inevitably sweat and leather absorbs all that moisture. If you wear your shoes out often, chances are that the shoes (not just the soles) are going to wear out a lot faster.

Weather & climate - Alas, in the face of abundant moisture, proper shoe care can only do so much in improving your shoes' durability.

Now that we have compared both shoe construction methods, it seems uncalled for to assume that goodyear welt shoes are ALWAYS better than cemented ones. The higher cost price for a goodyear welt is justified, considering the material (leather) and skill needed (stitching and welting). But it does not necessarily follow that it would be more aesthetically appealing, more comfortable, or more durable. To put things into perspective, comfort, appearance and durability varies according to personal preference and the environment.

Goodyear welted shoes can cost at least twice as much as a cemented pair

To help you through this dilemma, here are some points of consideration:

### **Are you a shoe collector (on a budget)?**

If you have a few pairs of shoes and you rotate them on a regular basis to pair with different suitings, perhaps a goodyear welt may not be that important to you. The shoe collector in you would want to show off your various shoes, so things like the last of

the shoe, or the design would likely be more important than the soles.

### **What's the climate like where you are from?**

If you are going to invest in a pair of goodyear welted shoes, it is advisable to not wear those precious things out in the rain. Moisture is definitely not a leather shoes' best friend.

### **Cost of Resoling**

As mentioned, the durability of both types of construction could vary or be very similar, depending on a variety of factors. But when the time comes for resoling, the cost differs greatly. A goodyear welt resoling is priced at the hundreds, and skilled cobblers are rare in the market these days. Cemented, rubber resoling is much cheaper, ranging from \$20 - \$30. Again, the price difference is because of the difference in the material as well as skill needed to resole your shoes. So if you decide to invest in a pair of good year welted shoes, you'd have to prepare yourself for the costs of resoling it as well.

It is instinctive to associate a larger price tag with higher quality, causing us to overlook the need to understand what we are paying for. By understanding each shoe construction, you can make an informed purchase, making sure the shoes are worth every buck of yours. There are pros and cons to both, and the good year welt is not necessarily superior to the cemented construction. So the next time you purchase a dress shoe, stop and think about your preferences, as well as the environment you're in.

**Chandralekha Ganesh,**  
Management Faculty



## अच्छे शूज की शॉपिंग के लिए इन 5 अहम बातों का रखें ध्यान



अगर आप अपने लिए अच्छे शूज की शॉपिंग करना चाहती हैं तो इन 5 अहम बातों का ध्यान रखें।

पैरों को आराम देने के लिए सही शूज का चुनाव करना बहुत ज्यादा जरूरी है। अगर शूज की शॉपिंग के दौरान कुछ खास बातों का ध्यान रखा जाए तो सही कीमत पर और पैरों के लिए कंफर्टेबल शूज की शॉपिंग की जा सकती है। आजकल शूज के ढेर सारे ब्रांड्स बाजार में उपलब्ध हैं। लेकिन ब्रांड की चमक-दमक के बजाय आप अपनी प्रायोरिटीज पर ध्यान दें, तभी आप अच्छे शूज खरीद सकती हैं। तो आइए जानते हैं कि शूज की शॉपिंग करने के दौरान किन चीजों का आपको खास ध्यान रखना चाहिए



### पैरों का कंफर्ट



ज्यादातर महिलाओं का फोकस जूते के डिजाइन और स्टाइल पर होता है। कई बार महिलाएं सिर्फ जूते की खूबसूरती देखकर उसे खरीद लेती हैं, लेकिन जूते के पैटर्न के साथ-साथ उसका कंफर्टेबल होना भी बहुत मायने रखता है। अगर आप अपने शूज में आरामदायक महसूस करेंगी तो आपको थकान महसूस नहीं होगी और अपने ज्यादातर आप फुर्ती से वाक करते हुए निपटा सकेंगी। अगर आप वर्किंग हैं तो इस बारे में आपको और भी ज्यादा ध्यान देना चाहिए।

### विश्वसनीय ब्रांड के जूते ही खरीदें

कई बार महिलाएं सस्ते दाम देखकर लोकल ब्रांड के शूज खरीदना बेहतर समझती हैं, लेकिन पैरों की सेहत बनाए रखने के लिए इस आदत को बदलें। ब्रांडेड और विश्वसनीय कंपनियों के शूज को बनाने के लिए तरह के नियमों का पालन किया जाता है, जबकि लोकल शूज में इस तरह की चीज नहीं होती। ब्रांडेड शूज की टेस्टिंग भी की जाती है, जबकि लोकल शूज में यह चीज देखने को नहीं मिलती। इसीलिए अगर आपको ब्रांडेड शूज थोड़े महंगे भी मिलें तो उन पर यकीन करना ज्यादा अच्छा है।



**Rakesh Sharma**  
Sr. Technical Officer  
CFTI, Chennai



## AT ONE'S FINGERTIP - CUSTOMERS IN INDUSTRY

C. & J. Clark International Ltd, trading as Clarks, is a British international shoe manufacturer and retailer. It was founded in 1825 by Cyrus Clark in the village of Street, Somerset, England, where the company's headquarters remain.

The company has 1,400 branded stores and franchises around the world and also sells through third-party distribution. Clarks also operated concessions in Mothercare stores.

The company is commonly known for its Desert Boot, an ankle height boot with crepe rubber sole, usually made out of calf suede leather traditionally supplied by Charles F Stead & Co tannery in Leeds. Officially launched in 1950, the Desert Boot was designed by Nathan Clark (great-grandson of James Clark) based on an unlined suede boot profile produced in the bazaars of Cairo and worn by British officers in the Second World War.

For the year ending January 2013, the company made a profit of £150 million on sales of £1,433m making it the 31st largest private company in the United Kingdom. More than half of its £1.4bn annualised sales to January were generated abroad. Since 2010, the company has begun to trade in India, where it now has 25 stand-alone stores, and relaunched marketing in China, where it has opened 400 outlets in partnership with local footwear retailers.

Clarks was 84% owned by the Clark family, with the remaining 16% held by employees and related institutions. In November 2020, after a company voluntary arrangement, Clarks was rescued through a £100 million

investment by the Hong Kong-based private equity firm LionRock Capital, in which the Clarks family lost overall control of the company. In January 2021, Viva China Holdings agreed to acquire 51% of LionRock Capital, so has a substantial stake in the Clarks brand.

### PRODUCTS

#### *School shoes*

In the United Kingdom, Clarks has long been a popular choice of parents as a place to purchase school shoes for children to wear upon returning to school following the summer holidays.

The Independent UK newspaper ranked Clarks as the number one provider of school shoes in the United Kingdom in 2017, highlighting that it has



been providing quality shoes for over 170 years and highlighting the fact that Clarks is one of only a few manufacturers of school shoes to be provided in half sizes.

Part of the reason, despite being long-lasting and durable, parents have opted for Clarks school shoes for their children is that almost every Clarks design of school shoes has been classed as "acceptable" shoes in line with most primary and secondary school uniform policies. In recent years, notably in mid-2010s, schools have reviewed their

uniform policies and have instead identified a few of Clarks' designs for school shoes as being "unacceptable" and not complying with the school uniform policy of the school.

### *Joyance sandal*

During the 20th century, Clarks established a reputation for quality children's footwear. The crepe rubber soled Joyance T-bar sandal for both boys and girls was one of their most popular designs. Launched in 1933, it continued in production until 1972.



### *Desert Boot*

The company's best-known product is the Desert Boot - a distinctive ankle height boot with crepe sole usually made out of calf suede leather traditionally supplied by Charles F Stead & Co tannery in Leeds. Officially launched in 1950 the Desert Boot was designed by Nathan Clark (great-grandson of James Clark).



Nathan Clark was an officer in the Royal Army Service Corps posted to Burma in 1941 with orders to help establish a supply route from Rangoon to the Chinese forces at Chongqing whilst also launching a series of offensives throughout South East Asia. Before leaving home his brother Bancroft had given him the mission to gather any information on footwear that might be of use to the company whilst he was travelling the world. The Desert Boot was the result of this mission.

### *Wallabee*

Produced by Clarks from 1967 and based on a moccasin called the Grashopper, launched in 1964, by the German company Sioux, the Wallabee brand was manufactured at the Padmore and Barnes factory based in Kilkenny, Ireland, which Clarks had acquired in 1963 and continued to operate until its closure in 1987, when it was the subject of a management buy-out. Managed by Lance Clark who was responsible for having negotiated the licence to produce the shoes in Kilkenny and arranged for the factory staff to be trained in the production of moccasin shoes, the product took off once the decision was taken to market it in North America in 1968. As General Manager of the factory, Paddy Roberts took the shoe to a trade fair in New York in the same year, whereupon he quickly learnt that the trademark Grasshopper had been licensed. In conjunction with Jack Rose-Smith (Clarks Overseas Shoes Export Manager), Bob Cullerton (the President for Clarks in America/Clarks of England), Hugh Woods (managing director of Clarks Canada), Roberts trademarked the name Wallabee.



### *Desert Trek*

Another style associated with the Lance Clark who had seen a Zwartjes version of the shoe on the feet of artist, Sonja Landweer in the late 1960s. An artist in residence at the Kilkenny Design Workshops, where she had come into contact with Lance Clark, Landweer's shoes became the basis for production of the Trek which was first attempted at Clarks factory in Dundalk. This was



more attuned to the construction of stitch-down footwear. The shoe was initially launched in North America in 1971 as Trek, before featuring in the UK range in 1972 where it was renamed Hike, owing to an existing footwear trademark. The 'Trek man' that first featured on the shoe was drafted by Lance Clark and refined by the advertising manager in Dundalk, Bob Patten.

### Clarks In India

British company Clarks, one of the largest global shoe manufacturers, is bullish on India market for its 'premium' shoes.

India is now the second largest consumer of footwear globally, surpassing the US by 200 million pairs in 2018. Of the top-10 footwear markets, India is the fastest growing at an annual growth rate of 7.6 per cent in the last three years, said N Mohan, CEO, Clarks India.

India's footwear consumption per person increased from 1.7 in 2016 to 2 in 2018. Even one pair increase in per capita consumption of India will lead to 1.2 billion more pairs being consumed, he told newsmen on the sidelines of a press meet to announce the Leather Fashion Show 2020.

In 2018, Clarks in India reported revenue of ₹220 crore; and this year it will be around ₹350 crore with plans to report around ₹500 crore next year, he said.

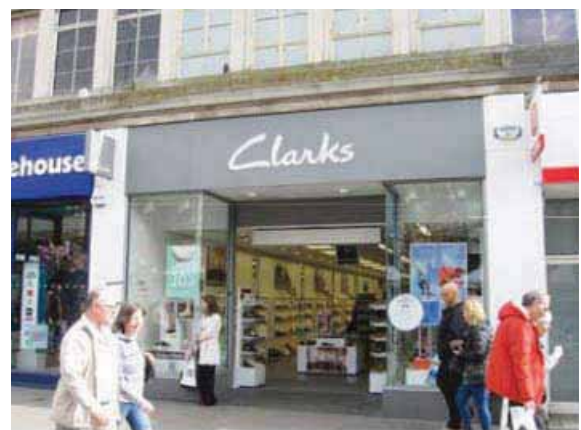
Clarks sources nearly 60 per cent of its footwear sold in India from domestic vendors, including Tata International and Farida Group. "We promote 'Make-in-India' strongly," he said. The rest are

sourced from Vietnam, Bangladesh and a small portion from China.

Clarks' journey in India began in 2012, with the first five years spent on understanding consumer behaviour; venturing into various channels like distribution and e-commerce; and creating market apt product. In the last two years, the company focussed on increasing its retail presence. Last year, the company's products were available at nearly 300 retail touch points. This year, it will be close to 600 and in three years it will be 1,500. This will help in reaching out to 2.5 million pairs from the present 900,000 pairs, he said.

Clarks' men's shoes are available in price range between ₹5,000 and ₹8,000 while the women's footwear priced between ₹4,000 and ₹6,000, he said.

### Retail Outlets in UK



### New Arrivals



*To be Continued*

**Chandralekha Ganesh,**  
Management Faculty



**CFTI, Chennai for the first time since from the inception, established ladies hostel inside the Campus is being inaugurated by Shri. K. Murali, Director, CFTI, Chennai.**







## BENEFICIARIES OF CFTI CHENNAI



### (A) LONG TERM COURSE

S.No.	Name of the Unit
1	M/s. SEZ Developers Pvt. Ltd., Bargur
2	M/s. Ayyappa Enterprises, Chennai
3	M/s. Alina Pvt Ltd, Chennai
4	M/s. Kenmore Shoes Pvt Ltd(Farida), Chennai
5	M/s. Florence Shoe Company Pvt.Ltd,Vellore
6	M/s. P.M.Consulting, Kanpur
7	M/s. India Shoes Exports Pvt Ltd, Chennai
8	M/s. ST Shoes, Gudiyatham
9	M/s. Kora Shoes, Walajapet
10	M/s. TATA International, Ranipet
11	M/s. Mohib Shoes Pvt Ltd, Ambur
12	M/s. Raadhika Shoe Crafts Pvt Ltd, Chennai
13	M/s. Stitchmatic Shoe Crafts Pvt.Ltd, Chennai
14	M/s. LIDKAR, Bengaluru
15	M/s. Kapsons Worldwide, New Delhi
16	M/s. Royal Trading Corporation, Mumbai
17	M/s. Fash Footwear, West Bengal
18	M/s. Metro & Metro, Agra
19	M/s. Farida Shoes, Ambur
20	M/s. Shoebird, Mumbai
21	M/s. Foot Pro, Chennai
22	M/s. Alphine Shoes, Faridabad



## BENEFICIARIES OF CFTI CHENNAI



### (B) SPECIALIZED PROGRAM BENEFICIARIES

S.No.	Name of the Unit
24	M/s. Meanmetal Motors Private Limited,Bangaluru
25	M/s. Sky Fly Careers Private Limited,Chennai
26	M/s. Generix Software Labs Private Limited,Chennai
27	M/s. Pankh Handicrafts Private Limited,Mangalore
28	M/s. Deeper Blue India Private Limited,Chennai
29	M/s. Hanka Adventures Sports & Aviation Services Private Limited,Mysore
30	M/s. Waldo Tech Solutions Private Limited,Chennai
31	M/s. Ubika Media India Private Limited,Bangal
32	M/s. Fitbash Fitness Services Private Limited,Hyderabad
33	M/s. Einmonk Technologies Private Limited (Opc),Chennai
34	M/s. People Institute For Competency Building Technology & Research Private Limited (Opc),Bangaluru
35	M/s. Novel Glassics Private Limited,Bangaluru
36	M/s. Aquaswim Impex Private Limited,Bangaluru
37	M/s. Syed Chit Fund Private LimitedBangaluru
38	M/s. Assetz Communities Development Private Limited,Bangaluru
39	M/s. Rkk Heaven Habitats Private Limited,Bangaluru
40	M/s. Software Factory Private Limited,Bangaluru
41	M/s. Quantega Technologies Private Limited,Bangaluru
42	M/s. Unibst Services Private Limited,Chennai
43	M/s. Intimar Services Private Limited,Bangaluru
44	M/s. Samartha Nidhi Limited,Bangaluru
45	M/s. Andhra Pradesh State Skill Development Corporation,Hyderabad
46	M/s. Stem Ip Services Private Limited (Opc),Bangaluru
47	M/s. Rajaraja Chozhan Farmers Producer Company Limited,Chennai
48	M/s. Vcu Hungry Foods Private Limited,Chennai
49	M/s. Spic Fashions Private Limited,Chennai
50	M/s. Simply Sapnaa's Private Limited,Bangaluru
51	M/s. Shivprabh Pharmaceuticals Private Limited,Bangaluru
52	M/s. Satyavathi Flycon Blocks Private Limited,Hyderabad
53	M/s. Amac Engineering Services Private Limited,Chennai
54	M/s. Sri Velava Power Energy Private Limited,Chennai
55	M/s. Prozest Realty Private Limited,Bangaluru
56	M/s. Altas Ventures Private Limited,Chennai
57	M/s. Ramesh Commercial Trading Private Limited,Bangaluru
58	M/s. Invigo Tea Private Limited,Chennai
59	M/s. Idl Humans Link (India) Private Limited,Hyderabad
60	M/s. Parihar Chits Private Limited,Chennai
61	M/s. Richmen Commercial Solutions Private Limited,Bangaluru
62	M/s. Datta Pruthuvi Realtors India Private Limited,Chennai
63	M/s. Xiaomi Technology India Private Limited,Chennai





## BENEFICIARIES OF CFTI CHENNAI



### (C) JOBWORK BENEFICIARIES

S.No.	Name of the Unit
64	M/s. Necky Enterprises, Solapur
65	M/s. Ambur Traders, Ambur
66	M/s. Shoe Line, Chennai
67	M/s. Bureau Of Indian Standard, Chennai
68	M/s. The Sac& Sactchel Company, Chennai
69	M/s. Rathna Leather Pvt Ltd, Ranipet
70	M/s. Cheng Chiang Leather Pvt Ltd, Chennai
71	M/s. Erb Enterprises, Chennai
72	M/s. B.M Global Enterpraisses, Chennai
73	M/s. Raaj- K Leather, Exports, Chennai
74	M/s. Evergreen Soles, Manthangal
75	M/s. Empories Design Studio, Chennai
76	M/s. ASM Overseas, Nagalkeni
77	M/s. Gemini Enterprises, Chennai
78	M/s. Leather & Lace Collection LLp, Gerugambakkam
79	M/s. Shoe Line, Chennai
80	M/s. Vista Shoes, Chennai
81	M/s. Raza International, Chennai
82	M/s. Bharatiyan International Ltd, Chennai
83	M/s. P.A Footwear Private Limited, Gummidipoodi
84	M/s. Pheonix Health Care, Ambur
85	M/s. Evergreen Soles, Manthangal
86	M/s. M.V Diabetes Foot Care, Chennai
87	M/s. Hundustan Food Limited, Mumabi
88	M/s. Padmash Leather, Chennai
89	M/s. Accord Shoes, Ambur
90	M/s. P.A Footwear Private Limited, Gummidipoodi
91	M/s. ASM Overseas, Chennai
92	M/s. MM Industries, Thirumuddivakkam



## Common Facility Services



**Automatic Sewing Machine - Brother**



**Dieless Cutting Machine - Zund**



**Pattern Cutting Machine - COMELZ**



**3D Foot Scanning & Customized Foot Insoles**



**Laser Cutting and Engraving Machine**



**Digitizing Plotter and Pattern Creating**



**PU - Pouring Machine (PUMA)**



**Full Shoe Making - Job Works**



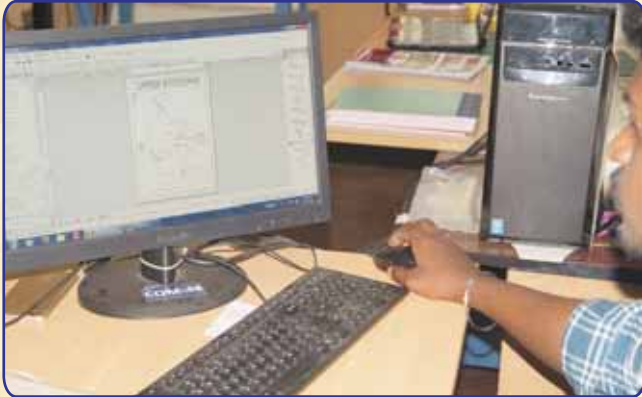




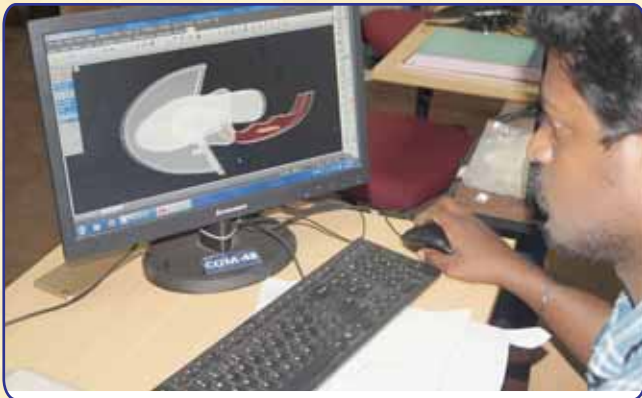
# Common Facility Services



## Graphical Documentation Manager (GDM)



## Shoe Design & Development



## Upper Making - Job Works



## PPE Kits







## Tariff for Design Development Services



Job work cost under common facility services in CFTI, Chennai while rendering its services to common facility services with its modernized setup and infrastructure to all Micro Small and Medium Enterprises on hourly basis and few on job basis. The lists of machine for utilization with its charges are listed here under

### DESIGN SECTION

S.No.	Job Description	Description	UOM	Cost in INR
1	Design & Development	Critical Construction	1 Size	2000
		Normal Construction	1 Size	1500
		SANDAL	1 Size	1000
2	Digitizing & Pattern Grading (1.01)	Normal Construction	1 Series *	1500
		Boot & Mocassin	1 Series *	2000
		Normal Model in Sandal	1 Series *	1000
3	Marking Patterns (1.02)	Type by Plastic	1 Series *	1500
		Type by Shank Board	1 Series *	3000
4	Cut file on Paper patterns	Type by Chart (Consecutive Sizes)	1 Series *	1200
		Type by Chart (Incl. Half Sizes)	1 Series *	1500
5	Insole / Sole Grading	For Any Type (Incl. Half Sizes)	1 Series *	500
6	Vaccum Shell (1.05)	For Any Type	1 Pair	150

## Tariff for other Common Facility Services

### CLICKING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
7	Swinging Arm Clicking M/c	ATOM SE16 (16 T Capacity)	Per hour	50
8	Swinging Arm Clicking M/c	ATOM SE-18 (20 T Capacity)	Per hour	50
9	Travel Head Cutting Machine	ATOM -SP588 25 Tonnes	Per hour	150
10	Splitting Machine with width 400 mm	SEAZEN SZ 400	Per hour	120
11	Stamping Machine	BRUGGI	Per hour	25
12	Stamping Machine	Indigeneous (TSE)	Per hour	25
13	Strap Cutting Machine (Circular Type)	Indigenous	Per hour	50
14	Strap Cutting Machine (Vertical Type)	Indigenous (TSE)	Per hour	50

### CLOSING & PRECLOSING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
15	Flat Bed Single Needle M/c	Indigenous	Per Hour	25
16	Flat Bed Single Needle M/c	Indigenous	Per Hour	20
17	Flat Bed Single Needle M/c	TTY	Per Hour	20
18	Post Bed Single Needle Sewing M/c	AK8820	Per Hour	20
19	Post Bed Single Needle M/c	TTY 9910	Per Hour	20
20	Post Bed Single Needle M/c	ADLER (888 ECO)	Per Hour	50
21	Post Bed Single Needle M/c	ADLER (4180-I)	Per Hour	25
22	Post Bed Single Needle M/c	JUMBO KING	Per Hour	25
23	Computerized Post Bed Single Needle M/c	ADLER (888 CLASSIC)	Per Hour	50
24	Post Bed Double Needle M/c	Indigenous	Per Hour	25
25	Post Bed Double Needle M/c	ADLER	Per Hour	25
26	Post Bed Double Needle M/c	JUMBO KING	Per Hour	25
27	Cylinder Bed Single Needle M/c	PFAFF-335	Per Hour	25
28	Cylinder Bed Single Needle Lock Stitch M/c	ADLER	Per Hour	30
29	Zig Zag Machine	PFAFF-418	Per Hour	25
30	Skiving M/c	TORIELLI-105	Per Hour	25
31	Skiving M/c	JUMBO KING	Per Hour	25
32	Heavy Duty Skiving M/c with Dust Collector	GLOBAL SK 112	Per Hour	40
33	Skiving M/c	JUMBO KING WR 801	Per Hour	25
34	Strobel M/c	STROBEL	Per Hour	50
35	Strobel M/c	PFAFF	Per Hour	25
36	Pneumatic Eyeleting M/c	TORIELLI	Per Hour	30





# Tariff for other Common Facility Services



## SOLE / INSOLE MAKING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
37	Insole Moulding Machine	Torielli	Per hour	50
38	Insole Bevelling Machine	Indigeneous	Per hour	30
39	Insole Rivetting Mc	BRUGGI -BRU-112	Per hour	30

## FULL SHOE LASTING / BOTTOMING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
40	Pre Forming M/c (Moccasin-4 Station)	Indigenous	Per Hour	50
41	Toe Mulling M/c	Indigenous	Per Hour	40
42	Counter Moulding M/C	Torielli 85/ZCH	Per Hour	50
43	Counter Moulding M/c	PR 1440	Per Hour	80
44	Toe Lasting M/c (Hydraulic Type)	MOLINA- BIANCI Mobi 1/ BUSM RBII	Per Hour	200
45	Heel Mulling M/c	157.6.17	Per Hour	40
46	Side and Seat Lasting	CERIME 58 E	Per Hour	200
47	Cement Seat Lasting Machine	Torelli/ ORMAC- 760	Per Hour	100
48	Heel Seat Crowning Machine	Alen 211	Per Hour	50
49	Pounding & Ironing M/c	Torielli - 17/AGC	Per Hour	60
50	Hot Air Blower	TORIELLI	Per Hour	40
51	Hot Air Blower	Indigenous	Per Hour	40
52	Heat Setting Plant (4 Track)	Indigenous	Per Hour	120
53	Roughing & Scouring M/c	Torielli - CF78/ CF78 N	Per Hour	50
54	Flash Activating M/c	ISMC	Per Hour	30
55	Dryer & Reactivator	PR 1155	Per Hour	120
56	Sole Attaching M/c (Pneumatic)	Elettro Technica BC	Per Hour	75
57	Sole Attaching M/c (Hydraulic)	Sigma 756	Per Hour	100
58	Chiller Plant	Indigenous	Per Hour	80
59	Chiller Flash Activa M/c	706 MOLINA ITALY	Per Hour	70
60	Delasting & Re-Lasting M/c	Indigenous	Per Hour	20
61	Topline (Collar) Forming M/c	Alen- 102 SR	Per Hour	100
62	Brushing & Polishing Machine	Indigenous	Per Hour	50
63	Spray Booth	Indigenous	Per Hour	50
64	Side Wall/ Sole Stitching M/c	MECVAL CS 82 N	Per Hour	175
65	Heel Nailing Pneumatic Machine	Torielli 192/ SDV Lue Model	Per Hour	50

## SPECIAL PURPOSE MACHINES

S.No.	Job Description	Description	UOM	Cost in INR
66	Dieless Cutting M/c	ZUND LC-2400 ECO	Per Hour	1200
67	Comelz Cutting M/c	P55	Per Hour	400
68	PU - Pouring Maching	PUMA James 3 (12 station- Banana type)	Per Hour	1000
69	Laser Engraving & Cutting M/c	ELITA 32	Per Hour	300
70	Automated Pattern Sewing M/c	SB 1286201 BAS-341HXL	Per Hour	400
71	3D Customized EVA Foot Bed	Inescop	Per Pair	1100
72	Zig-Zag Sewing M/c with cording	Adler 527-847	Per Hour	50
73	Crimping M/c (Hydraulic Type)	SZ-571	Per Hour	100
74	Cutting Board Surfacing M/c	Indigenous	Per Side	50

For Job Works and Common Facility Services, please contact  
Mr. Balaji - 98400 66440, [balaji@cftichennai.in](mailto:balaji@cftichennai.in), [jobwork@cftichennai.in](mailto:jobwork@cftichennai.in)

**CENTRAL FOOTWEAR TRAINING INSTITUTE**

65/1, GST Road, Guindy, Chennai - 600 032.

Phone: 044-22501529 Website: [www.cftichennai.in](http://www.cftichennai.in)

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GOVT OF INDIA



## CENTRAL FOOTWEAR TRAINING INSTITUTE, CHENNAI

MSME - TECHNOLOGY DEVELOPMENT CENTRE

(Ministry of Micro, Small & Medium Enterprises, Govt. of India Society)



### COURSE DETAILS



An ISO 9001:2015 Certified Institute

INVITES APPLICATIONS FROM ELIGIBLE CANDIDATES FOR THE FOLLOWING JOB ORIENTED LONG & SHORT-TIME COURSES

S. No.	Name of the Course	NSQF Level	Duration	Eligibility	Age	Course Fee (in Rs.)	
						General Candidates	SC/ST Candidates <small>Raw materials fees only</small>
1.	Advanced Certificate Course in "Footwear Manufacturing Technology" (FMT)	5	12 months	10th Pass	35 max	72,000	22,000
2.	Advanced Certification Course in "Footwear Design & Product Development" (FDPD)	5	12 months	12th Pass	35 max	1,22,000	22,000
3.	Certificate Course in "Footwear Design & Production" (CFDP)	4	6 months	10th Pass	35 max	40,000	10,000
4.	Diploma in Footwear Manufacture & Design (DFMD)	6	24 months	12th Pass	17 to 25	1,56,000	36,000
5.	Post Graduate Diploma in Footwear Technology (PGDFT)	7	18 months	Any Graduate	35 max	1,45,000	20,000
6.	Post Diploma in Footwear Technology (PDFT)	6	12 months	Any Diploma	35 max	1,20,000	20,000
7.	Leather Goods Maker (LGM)	3	12 months	10th Pass	35 max	85,000	18,000

- No tuition fee for SC/ST candidates. Only the cost of raw materials issued to them for practical purpose is charged. The finished goods (No. of pairs of shoes made in the practicals differ from course to course) are given back to the students for their own use. Also Hostel Fees is to be paid by all outstation candidates.

Course mentioned at Sl. No. 4 affiliated with Leicester College, London, UK.

- For all other courses mentioned at Sl. No. 1, 2, 3 & 5, 6, 7 above, certificates are issued by Government of India.
- Placement assistance will be provided for all successful candidates for the courses mentioned at Sl. No. 1 to 7.
- No Entrance Exam. Admission is based on "FIRST COME FIRST SERVE" basis and on merit basis as well.
- All above mentioned Long Term Courses are of NSQF Compliance.
- Apart from the above mentioned fees, caution money deposit of Rs. 5,000 is to be paid by all (including SC/ST) candidates for the courses mentioned at Sl. No. 1, 2 & 4 to 7 and Rs. 3,000 for the course mentioned at Sl. No. 3.
- Caution Money Deposit will be refunded to all the Students (provided there is no recovery on account of loss of tools or property) after completion of the Course.

**For further details**  
**Contact: 9677943633 / 9677943733**  
**[www.cftichennai.in](http://www.cftichennai.in)**





# Are you interested in advertising in this widely circulated Quarterly Magazine?

## Contact:

Central Footwear Training Institute, Chennai  
65/1, GST Road, Guindy, Chennai

## ADVERTISEMENT TARIFF

Footwear Chronicle, Quarterly Magazine

(in Rupees)

Advertisement size	1 issue	2 issues 10% discount	4 issues 20% discount
Full Page (colour)	10,000	18,000	32,000
Half Page (colour)	5,000	9,000	16,000
Front cover inside	15,000	27,000	48,000
Back cover inside	15,000	27,000	48,000

### Note:

1. Advertisement material is to given in CD with progressive proof.
2. Advertisement material may be sent in Adobe pagemaker/Coreldraw.
3. Advertisement will be published only after receipt of payment alongwith material
4. All Cheques and Demand Drafts may be drawn in favour of "The Director, CFTI, Chennai" payable at Chennai.
5. The amount may also be paid online / RTGS  
Online Transfer Detail:  
Account Holder Name: Central Footwear Training Institute  
Account No : 10299691069  
Bank Name : State Bank of India  
Branch : Guindy  
IFSC Code : SBIN0000956
6. For further enquiries please contact: 9962445614



# Central Footwear Training Institute, Chennai

Under Ministry of MSME, Govt. of India



## Manpower Requirement Sheet

1. Name of the Company & Address :

Leather / Non Leather Footwear / Leather Goods & Garnents

2. Industry Type :

3. Required number of Employees :  
(fresh worker)

S. No.	Job Role	Requirement in Number	Minimum experience required (in years)	Approx. Salary per month	Preferred Locations of Employee
(i)	Stitching Operator Footwear (Non Leather)				
(ii)	Stitching Operator Footwear (Leather)				
(iii)	Stitcher Goods and Garments)				
(iv)	Cutter Footwear)				
(v)	Cutter (Goods and Garments)				
(vi)	Pre Assembly Operator (Non Leather)				
(vii)	Pre Assembly Operator (Leather)				
(viii)	Lasting Operator (Non Leather				
(xi)	Lasting Operator (Leather)				
(x)	Helper Upper Making				
(xi)	Helper Finishing Footwear				
(xii)	Helper Finishing Operators				
(xiii)	Others				

4. Manpower Requirement period : From \_\_\_\_\_ To \_\_\_\_\_

5. Availability of Vehicle for employee :  
transportation (Area name covered)

6. Name of the Company Authority :  
& Designation

7. Contact Number & Email :

8. Signature :

9. Company Seal :





## The Footwear, Bags & Luggage, Goods&Garment, Non-Leather product Industry requires 1 Lakh skilled resources annually

Apprenticeship –  
Helps Reduce Recruitment  
Costs and Compliance

Provides Skilled Resources  
Increased Productivity  
Lowers attrition

### Industry relevant QPs & NOS

Stitcher (Footwear, Goods&Garments), Cutter (Footwear, Goods&Garments),  
Lasting operator, Drum operator, Post Tanning Operator, CAD/CAM,  
Moulding Operator, Quality Control and more ..



LEATHER  
SECTOR  
SKILL  
COUNCIL

For more details contact our representative  
GCV House, First Floor, #81 Nungambakkam High Road,  
Nungambakkam Chennai – 600034 Tamil Nadu

Email us at : [lssc@leatherssc.org](mailto:lssc@leatherssc.org) | Phone +91 44 49920006

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## CENTRAL FOOTWEAR TRAINING INSTITUTE

MSME - TECHNOLOGY DEVELOPMENT CENTRE

No.65/1, GST Road, Guindy, Chennai - 600 032.

E-mail : [cfti@cftichennai.in](mailto:cfti@cftichennai.in), [www.cftichennai.in](http://www.cftichennai.in)



A BETTER PLACE TO  
THINK ABOUT FOOTWEAR



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