



# Footwear Chronicle



A Quarterly Journal by Central Footwear Training Institute, Chennai  
AN ISO 9001:2015 Certified Institution

₹ 20/-

Volume -VII (JULY - SEPTEMBER 2022)

Issue 3

Tamil / English / Hindi



*Sewing machines you can rely on*



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 **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 Society  
AN ISO 9001 : 2015 Certified Institution  
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75  
Azadi Ka  
Amrit Mahotsav





## *From the Director's Desks*

Hello Readers,

I wish to share that during this quarter the Institute has conducted specialized training programmes on trending titles for the benefit of employees, across several trades. In addition to regular courses CFTI, Chennai has conducted skill training programs sponsored by TNSDC. Common facility services are provided at nominal charges to footwear MSMEs. Interested footwear MSMEs are requested to make use of these facilities, further details are at page no. 63.



CFTI Chennai celebrated 75 years of Indian Independence "AzadiKa Amrit Mahotsav". Awards, Certificates and Prizes were distributed to the Winners of various sports Competitions on the 75<sup>th</sup> Independence Day. Flag hoisting was done on 75<sup>th</sup> year of Independence Day at CFTI, Chennai & CFTI Extension Centre at Vaniyambadi.

The Director attended Tamil Nadu Footwear & Leather Sector Conclave 2022, inaugurated by The Chief Minister of Tamil Nadu, which had insightful panel discussion by experts on "Emerging Trends in Footwear & Leather Products - The Way Forward for Tamil Nadu"

Mr. TY Chang, Group Chairman, M/s. Huali Industrial Group, Vietnam, producing 180 million pairs annually planning for a factory in Tamilnadu, visited the Institute and discussed with the Director to mobilize & train work force for their needs. Mr. Jim

from M/s. Kukdong Machinery, South Korea, visited our Institute and had discussion with the Director, on the present trend footwear manufacturing and the machineries to be involved. Ms. Mercy Epao, Joint Secretary (SME), Ministry of MSME, Govt. of India, visited the Institute, reviewed the progress, inspected & interacted with the students about the training activities, materials and machinery involved in the process of Shoe making.

As part of the "Seminar Series", during this quarter 5 seminars were conducted on various topics covering Footwear Advanced Technology, Footwear Last Manufacturing etc., by reputed footwear industrialists, for the benefit of students & footwear industry employees.

This issue of the chronicle consists of articles on

1. Shoe Manufacturing Plant - Functional and Process Flow Chart by Shri. Raja Sreenivasan
2. Goodyear Welt vs. Blake Stitch vs. Cement by Smt. G. Chandralekha Ganesh
3. At One's Fingertip by Smt. G. Chandralekha Ganesh
4. Market Challenges and Opportunities in Technical Textile for Sports Footwear by Shri. T. Gnanapazhani
5. Innovative Designs using Patch Work Leather and With Natural Material Bags by Shri. Dileep Kumar

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

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

K.MURALI  
Director



## CFTI, Chennai SIGNIFICANT ACHIEVEMENTS JULY - SEPTEMBER 2022



### SPECIALIZATION TRAINING PROGRAMMES – ONLINE/OFFLINE (SELF FINANCING):

The Institute has conducted the following 93 online/offline specialization training programmes namely Advance Excel Training, Advance Tally Prime, AI ML Training, AWS Training, AWS Solution, Block Chain Functionality, Business Accounting and Taxation, Business Analyst, Cargo Clearance, Chemical products making, Contract Labour, Cyber Security, Data Science training, Data Visualisation using Power BI, Digital Marketing, Electric Vehicle Training, ESI PF, Export Business, Fire Safety Training, Fluid Dynamics, Gold Appraisal, Graphics Design, GST Practitioner Training, HR Recruitment, HR-Statutory Compliance, ICD, Income Tax training, Industrial Safety Training, International Cargo clearance, ISO 14001, ISO Facility Management, ISO QMS Training, Java Programming, Lean Six Sigma, Lean Six Sigma Black Belt, Lean Six Sigma Green Belt, Lean Six Sigma Yellow Belt, Office Automation, Packaging Engineer, Primary Testing,

Project Management Programme, Python programming, Real Estate Consultant, Secondary Testing, Solar Power Installation, Start Your Own Business, Stock Market Trading, Talent Engagement, Tally ERP9 Training,

Video Editing and Web Development word press, for 4514 participants.



### SKILL TRAINING PROGRAMMES (SPONSORED):

CFTI, Chennai completed 17 Skill Training Programmes in NSQF approved job roles Cutter Goods & Garments, Pre Assembly Operator and Stitcher Goods & Garments under TNSDC sponsored with 266 participants.

CFTI, Chennai has conducted 02 Skill Training Programmes for SC/ST Candidates in NSQF approved job roles Stitching Operator Footwear for 25 participants.

### COMMON FACILITY SERVICES:

Common facility services are being conducted by this Institute for the benefit of footwear MSMEs. During the reporting month 146 footwear units utilized our services in Die-less Cutting, Lasting, New Development, CAD, Sidewell Stitch, Leather Goods, Board Surfacing, Sewing Machine, Cremping and PU Soles manufacturing.

### EVENTS:

CFTI Chennai conducted "Seminar Series" for providing and promoting high end technology in current trends by outside experts, under this series, a seminar on "Emerging and Futuristic skills for Footwear Industry" was conducted by Shri. Sadhanandham, Manager Academics and Technology, Leather Sector Skill Council (LSSC) at Conference Hall of CFTI, Chennai.

As part of the seminar series, CFTI students participated and delivered speeches on "Participation in International Leather Design Competitions" and on "Design Canvass for Sustainable Development". They presented their topics overwhelmingly and Shri. A. Kolanjivel Deputy Director, appreciated and felicitated all the four students by issuing certificates.

Shri. K. Murali, Director, attended Tamil Nadu Footwear & Leather Sector Conclave 2022, inaugurated by The Chief Minister of Tamil Nadu, which had insightful panel discussion by experts on "Emerging Trends in Footwear & Leather Products - The Way Forward for Tamil Nadu"

CFTI, Chennai participated in "SHOETECH 22" a Buyer, Seller Meet cum Exhibition conducted by ISF & IFCOMA at Vellore and our team met the Industrialists to understand the needs and requirements in Human resources. Shri. K. Murali, Director CFTI,



Chennai, visited the exhibition and met various Industry Owners, Experts, Buyer agents, Technocrats, Suppliers and Technicians.

The Director also had meetings with Shri.Nazimmuddin IAS, Additional Chief Secretary & Secretary to Ministry of Labour & Employment, Govt. of Tamil Nadu, Shri. Selvam IAS ED CLE, Shri.Aqueel Ahmed Chairman LSSC, and Shri. Rajesh Ratnam CEO LSSC.

An exposure visit was arranged for an International student from Nigeria Ms. Dorcas, which was associated along with Faculties of the Institute Shri. Srinivasan and Smt. Chandralekha, to the footwear industries M/s Lloyds, M/s Alfsoles and M/s BBK leathers.

Shri. Murali K Director CFTI Chennai visited Schieffelin Institute of Health Research & Leprosy Centre (SIHRLC), who manufacture Sandals for Diabetic patients, Orthopaedic Shoes and Artificial limbs at Karigiri, Vellore. And discussed to work in association for further developments.

CFTI Chennai in celebrated of 75 years of Independence "AzadiKa Amrit Mahotsav" by Shri. K. MURALI, Director, Shri. A. Kolanjivel, Deputy Director, Smt. Lalitha Office Superintendent with other staffs of the Institute. Awards and Price Distribution by Shri. K MURALI, Director to the Winners of various sports Competitions on 75 years of Independence Day. Certificates and Awards Distribution to the Winners of various sports activities distributed. Flag hoisting on 75th years of Independence Day at CFTI, Chennai & CFTI Extension Centre at Vaniyambadi.

7<sup>th</sup> Seminar in the 'Seminar Series' was conducted on 02.09.2022 on various topics such as "ADVANCED TECHNOLOGY IN FOOTWEAR INNOVATIONS" by Mr. Harshad.T; "LEATHER ALTERNATIVES" by Mr. Sumitsarsan.S; "SUSTAINABLE MATERIALS & COMPONENTS FOR FOOTWEAR" by Mr. Shouvik Mandal and "IDENTIFYING THE CAUSES OF FOOTWEAR REJECTION & DEISING BETTER SOLUTION FOR THE IMPROVEMENT OF FOOTWEAR QUALITY" by Mr. Prianshu Kumar, all Students of 30<sup>th</sup> DFMD, CFTI, Chennai.

8<sup>th</sup> Seminar in the 'Seminar Series' was conducted on 23.09.2022 on the topic "IMPORTANCE OF SHOE LASTS IN FOOTWEAR MANUFACTURING" by Shri. Natarajan O.T., Vice President South from M/s. Sanghavi Shoe Accessories Pvt Ltd.

"Upper Production line with High productivity standards" to help MSME's under Common facility services was inaugurated in the premises of CFTI, Chennai by Director, CFTI Chennai, in presence of Officers, Staffs and workforce.

CFTI Chennai participated in ILAF Fair in Kolkata organised by ITPO and spot admission campaign was conducted for Leather Goods and footwear courses for the year 2022-23.

CFTI, Chennai trained Four Employees of STHLC, Karigiri Leprosy Hospital in New Design Development for 3 weeks in our Institute.

#### **VISITS OF DIGNITARIES:**

Mr.TY Chang, Group Chairman, Mr. Ilias Chen, Planning Manager from M/s. Huali Industrial Group based in Vietnam producing 180 million pairs annually is setting up a factory in Tamilnadu, visited the Institute and discussed with Shri. K. Murali, Director, CFTI Chennai, to mobilize & train work force for their needs.

Ms. Mercy Epao, Joint Secretary (SME), Ministry of MSME, Govt. of India, visited our Institute on 22.09.2022 and reviewed the progress and activities of the Institute. Also inspected & interacted with the students about the training activities, materials and machinery involved in the process of Shoe making. Madam also undergone the foot scan for customized footbed for more comfort under the facility at our Institute.

Mr.Jim from M/s. Kukdong Machinery from South Korea visited our Institute and had discussion with Shri. Murali K Director, CFTI Chennai & Shri.Y.V.R. Choudhary on the present trend footwear manufacturing and the machineries to be involved.





## ABOUT THE INSTITUTE



**Central Footwear Training Institute (CFTI), Chennai** is a Govt. of India Society functioning under the aegis of Ministry of MSME (Micro Small and Medium Enterprises), as MSME - Technology Development Centre, a pioneer Institution rendering services in human resource development for footwear and allied industry through imparting various training programmes on Footwear Designing & Manufacturing Technology.

This Institute is the oldest Footwear Training Institution in the country came into existence in July 1957 in the name of Central Footwear Training Centre with the assistance of Ford Foundation engaged in providing trained manpower to the shoe industry. The departmentally run Central Footwear Training Centre was converted in to an autonomous Institution (A Government of India Society under Ministry of SSI) w.e.f. 1.1.96 for better functional autonomy. The Institute has been modernized by "National Leather Development Programme" (NLDP) Project during 1993 under the United Nations Development Program (UNIDO) and is fully equipped with state-of-the art machinery to impart training in the modern methods of Footwear manufacturing. The affairs of the Society are governed under the Chairmanship of Additional Secretary & Development Commissioner, (MSME), Ministry of Micro, Small & Medium Enterprises, and Govt. of India with an objective of quicker implementation of managerial decisions followed by Governing Council members from Govt. of India, State Government of Tamil Nadu and from the Industry.

CFTI situated in the Prime location of Guindy at Chennai having the state of Art Infrastructure for machinery and facilities to train in the area of footwear science and engineering. The facilities includes modern classrooms, workshop with world class Footwear Machines, 3 D Shoe CAD/CAM lab for Shoe Design & Development, Common facility services and all other students amenities like library, Sports centre, conference hall and Student's hostel. CFTI also having need based 33 Skill Training Centres to cater training services in the main hub of Leather Footwear manufacturing area.

CFTI conducts various Long term, Short term and Part time techno managerial courses in Footwear, Leather Goods and allied subjects. One of its premier courses are Two year Diploma in "Footwear Design and Production" which is approved by Textile Institute, London, UK and 1 ½ years Post Graduate Higher Diploma in "Footwear Technology & Management Studies" is accredited with Textile Institute, London, UK. This Institute also conducts various NSQF approved short term courses, Customised courses and part time evening courses based on the jobrole demand of the Industry for freshers, Semi-skilled people as well as entrepreneurs.

### Special Mentions

- CFTI, Chennai is certified as ISO 9001:2015 organisation after continuous improvement in the Quality Management System



Class Room



Clicking Section



Hostel



Reception



& to bring in standardization in all the areas of this Institute.

- CFTI, Chennai is a Technical Institute with Quality and Modernization as its calling card.
- CFTI, Chennai has carved a niche for itself for training and making 'Industry Ready' footwear professionals over the last many decades.
- In its quest to always remain ahead of the curve and to equip its students with the latest developments in Technology, Management Practices, Market knowledge, Quality and Standardization CFTI, Chennai has raised its benchmarks to meet the global market demands and global performance benchmarks.
- The students who graduate out of CFTI, Chennai are equipped with the most advanced knowledge as well as hands on exposure to the latest Technological developments which sharpens their skills and enables them to help the Industry march forward as they pursue their careers in the Industry.
- CFTI, Chennai is adequately equipped and has established itself as a globally competitive "Centre of Excellence" in the area of Leather and Leather Products which offers knowledgeable and well trained personnel providing the skills and leadership covering the entire gamut of the Leather and Leather Product Value Chain This is an asset to the Indian Leather and Leather Product industry.

### The Objective's of CFTI's are

- (i) To train personnel in footwear technology as per the requirements of the trade and industry.
- (ii) To provide training facility to trainees in the Footwear and allied Industry with a view to upgrade their skills.
- (iii) To train footwear designers.
- (iv) To undertake courses in Management of Footwear Industry.
- (v) To train personnel for maintenance of Footwear Machinery.
- (vi) To design and develop moulds and dies for the Footwear Industry.
- (vii) To introduce modern technology in footwear design/Industry.
- (viii) To assist and promote technology up-gradation in footwear industry.
- (ix) To develop products and design with a view to secure advantage in export production.
- (x) To foster appropriate linkages between Central Footwear Training Institute and Industry for utilization of existing capacity and their up-gradation and to undertake consultancy services for development of Footwear Industry.
- (xi) To establish linkages with educational, research and developmental institutions in India and abroad, and to collaborate with them in training, research and development.
- (xii) To organize databases and information dissemination on footwear technology, export marketing, etc., and to establish suitable library and Resource Centre for trainees and industry.

In common terms, CFTI renders it's services on Training skilled workforce in both Long term as well as Short term courses and are much popular in the industry for imparting technical skill in the workshop areas of footwear manufacturing and processing. The prime importance of CFTI is well known for its hands on experience on the machines and art of skilling. The volume of the trainees trained by CFTI is high and we can see at least one CFTI Alumni in any of the Leather Footwear Industry. CFTI is covering Low level and middle level management in the pyramid of Indian Footwear Sector.

### Vision

- To become a leading hub of Footwear, Leather Goods, Retail & Manufacturing of lifestyle products
- To establish an infra-structured network which promotes design, development, production & support service system for the Indian Footwear Industry
- To emerge as a centre of excellence Institute in Training & consultancy internationally.

### Mission

- To provide world class education to its students
- Foster research & development for the growth of new designs
- Evolve innovation application for making India a global layer in every domain of lifestyle products



Class Room



Practical



Student Conference Hall



Clicking Section





## 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 upper manufacturing. 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.

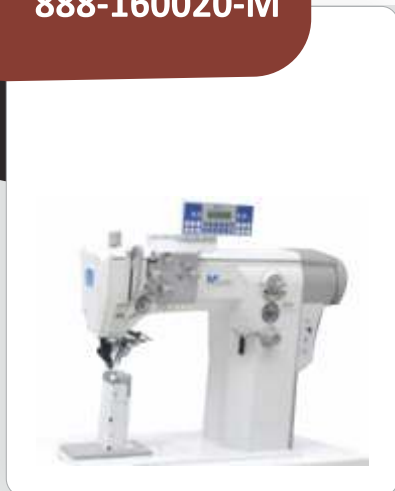
In 2020, representatives of SP International and Minerva had established a co-operation with Central Footwear Training Institute (CFTI) in Chennai. During visit of the institute, they were impressed about advancement in technology and the way the institute is managed. They met Mr. K. Murali, the Honorable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

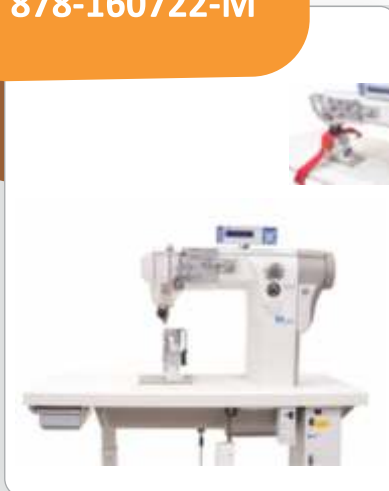
### Central Footwear Training Institute – THE KEY FOR YOUR SUCCESS !

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.

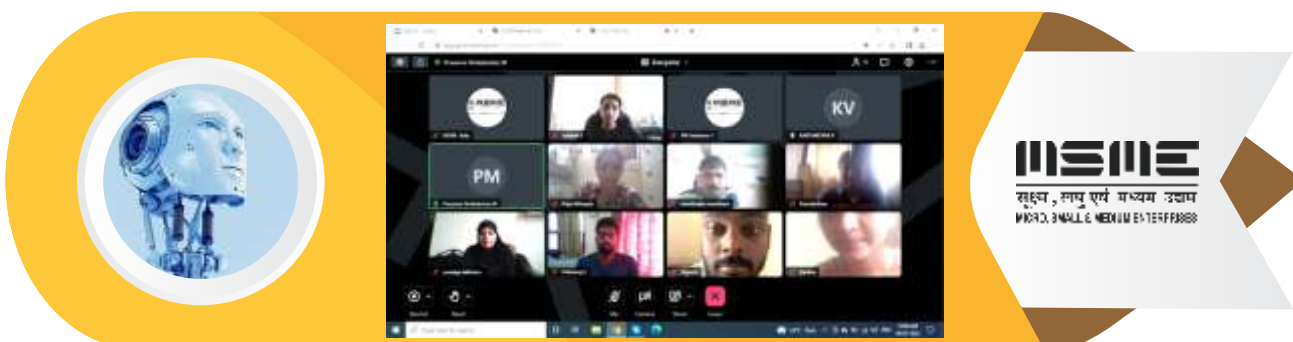




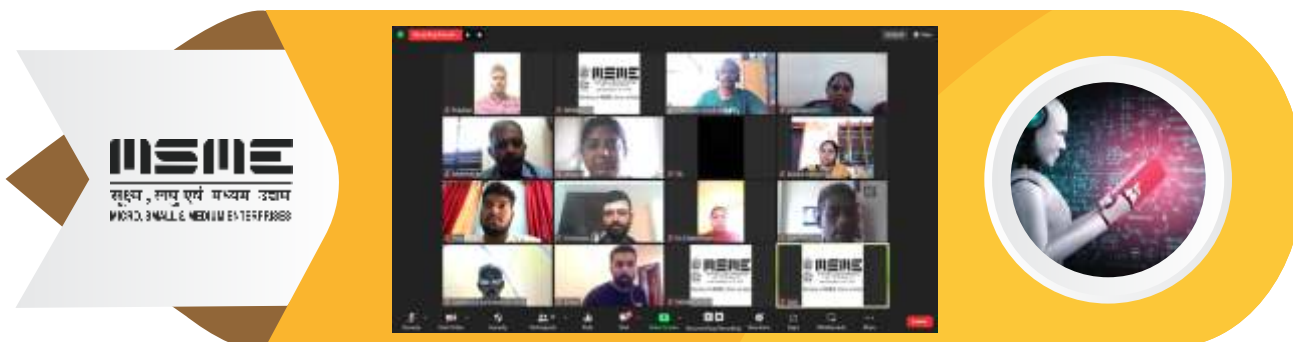
## SPECIALIZATION TRAINING PROGRAMMES ONLINE/OFFLINE (SELF FINANCING):



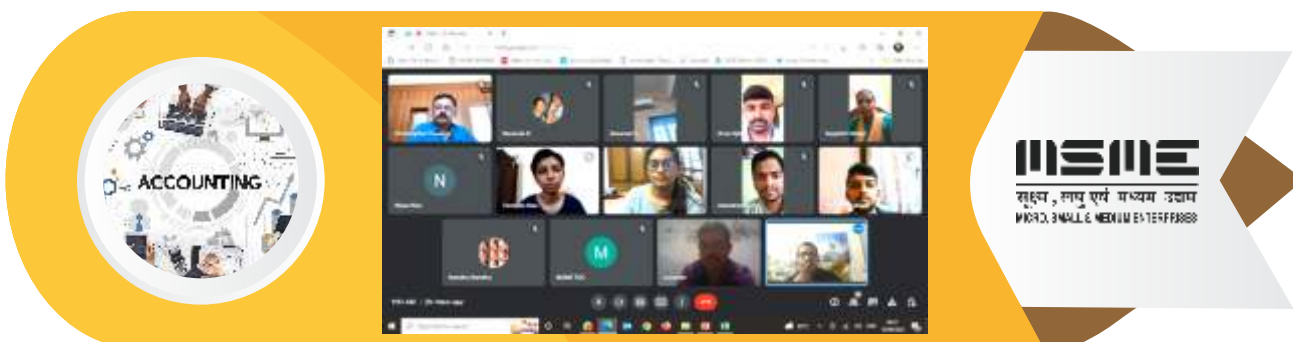
The Institute has conducted the following 93 online/offline specialization training programmes namely Advance Excel Training, Advance Tally Prime, AI ML Training, AWS Training, AWS Solution, Block Chain Functionality, Business Accounting and Taxation, Business Analyst, Cargo Clearance, Chemical products making, Contract Labour, Cyber Security, Data Science training, Data Visualisation using Power BI, Digital Marketing, Electric Vehicle Training, ESI PF, Export Business, Fire Safety Training, Fluid Dynamics, Gold Appraisal, Graphics Design, GST Practitioner Training, HR Recruitment, HR-Statutory Compliance, ICD, Income Tax training, Industrial Safety Training, International Cargo clearance, ISO 14001, ISO Facility Management, ISO QMS Training, Java Programming, Lean Six Sigma, Lean Six Sigma Black Belt, Lean Six Sigma Green Belt, Lean Six Sigma Yellow Belt, Office Automation, Packaging Engineer, Primary Testing, Project Management Programme, Python programming, Real Estate Consultant, Secondary Testing, Solar Power Installation, Start Your Own Business, Stock Market Trading, Talent Engagement, Tally ERP9 Training, Video Editing and Web Development word press, for 4514 participants.



Artificial Intelligence - training to provide technical aspects to get job opportunity in making software products and as well as encourage them to start business.



Block chain The objective of this course is to provide conceptual understanding of how block chain technology can be used to innovate and improve business processes.



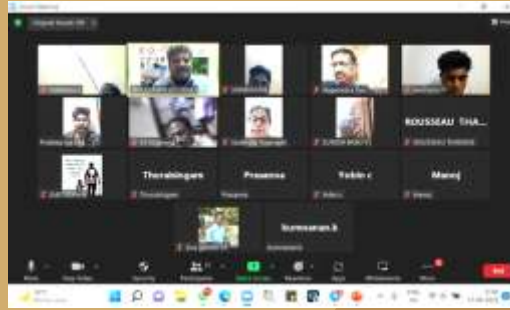
Business accounting This training programme is to keep a systematic record of financial transactions which helps the users to understand the day to day transactions in a systematic manner.



## SPECIALISED TRAINING PROGRAMMES



**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



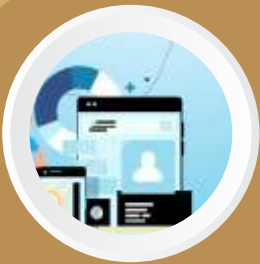
**Cargo Clearance training** - This training programme aims to enable the Participants to understand the Legal Provisions of Customs Laws & Regulations covering Export Import Clearances, International Logistics.



**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

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

**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



**Digital Marketing Training** : Learning Digital Marketing along with Social Media Marketing Optimization helps new job seekers and Small Business Owners to enhance their business potential. Opens up more start up companies



**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

**Ethical Hacking Training** is to provide technical aspects to get job opportunity to evaluate the security and identify vulnerabilities in target systems, networks or system infrastructure.

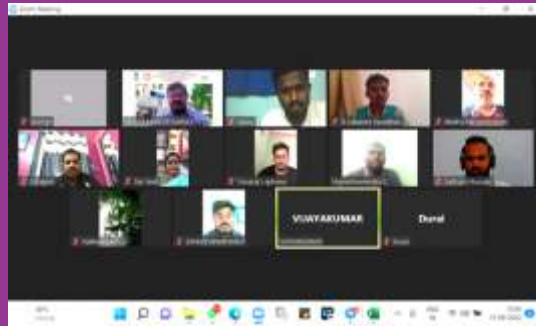


## SPECIALISED TRAINING PROGRAMMES



**MSME**

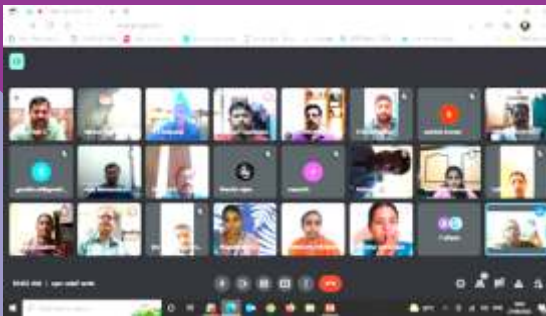
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



**Export and Import training** - This training programme aims to enable the Participants to understand the Legal Provisions of Customs Laws & Regulations covering Export Import Clearances, International Logistics.

**TRAINING on GST**

सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



**MSME**

सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

**GST Practitioner training** provided for broader perspective of how to pay to Government and the other rules involved.

**MSME**

सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



**Gold Appraisal Training** - This training programme aims to enable the Participants to understand how to identify the pure gold by physical and chemical tests. It enables to get job and also to become entrepreneur

**HRM PROCESS**

सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



**MSME**

सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

**HRM** provided for HR- Executives in broader perspective of how to manage manpower in an organization according to Government rules and regulations.





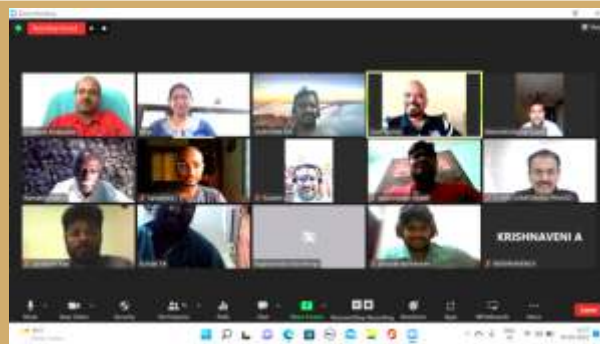
## SPECIALISED TRAINING PROGRAMMES



**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICROC, SMALL & MEDIUM ENTERPRISES

**Integrated Circuit Design** - The goal of circuit design is to assemble a collection of interconnected circuit elements that perform a specific objective function.

**MSME**  
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**Lean Six Sigma Green Belt Skill** to predict, prevent and control defects in a process and to understanding the elements of waste. Skills to achieve sustainable quality improvement through process improvement.



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**Java programming**- training to provide technical aspects to get job opportunity in making web sites and as well as encourage them to start business.



**MSME**  
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MICROC, SMALL & MEDIUM ENTERPRISES

**LSSBB** - This training programme aims to enable the Participants to understand and improve productivity and to minimize the errors.



## SPECIALISED TRAINING PROGRAMMES



**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

**Solar Power Installation** - To provide technical aspects for small entrepreneurs gets business opportunity and as well as encourage them to start business.

**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



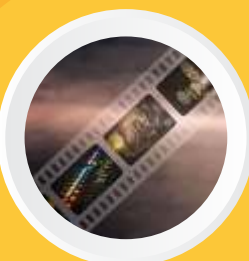
**SYOB** - This training programme aims to enable the Participants to understand how to identify potential business and provide necessary details to get license and registrations to start their own business.



**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

**Tally** - training provided for students to make broader perspective of how to profit loss and balance sheet for an organization.

**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



**Video Editing** - To provide technical aspects to get job opportunity and as well as encourage them to start business.





## Diploma in Footwear Manufacture & Design (DFMD)

Diploma in Footwear Manufacture and Design (DFMD) is a 2 years course conducted in collaboration with Leicester College of Footwear, U.K. The curriculum of the course is from the Leicester College and the training is conducted by CFTI, Chennai. The training activities are moderated by the Moderator from Leicester College and the Diplomas are issued by Leicester College. The 1st batch of this course was started in 1993 and at present the 32nd batch is underway. Till date 1042 candidates have successfully completed the course and are placed in reputed Industries globally. Some of the candidates have turned into successful entrepreneurs.

The curriculum is designed in such a way that it covers 70% Practical & 30% Theory. The practical training comprises of pre training, production, projects including final project and the factory survey project wherein the students have 2 months training in reputed footwear industries. The theory part comprises of Footwear Technology and the relevant management subjects. The Career Progression on completion of this course will be of 2 categories. One is being Assistant Production Supervisor to General Manager and the second one being Assistant Quality Supervisor to General Manager.

DURATION	ELGIBILITY	AGE	COURSE FEES
24 Months	12th Pass	17 to 25	Gen : Rs.1,56,000 SC/ST : Rs. 36,000







## SKILL TRAINING PROGRAMMES



CFTI Chennai trainers are conducting practical and theoretical assessments of the candidates trained under TNSDC Sponsorship on the job role of Stitching Operator Footwear at Krishnagiri District, Tamilnadu.



CFTI Chennai trainers are conducting practical and theoretical training for candidates under TNSDC Sponsorship on the job role of Stitching Operator Footwear, Cutter Goods and Garments at Tirupathur, Krishnagiri Districts.



CFTI Chennai trainers are conducting TNSDC practical and theoretical training for candidates on the job role of Stitching Operator Footwear, Cutter Goods and Garments at Tirupathur, Krishnagiri Districts.





CFTI Chennai successfully completed the Short term skill training program in Stitching Operator Footwear Job role at Vellore district sponsored by Tamilnadu Skill Development Corporation and certificates were distributed to the candidates by Coordinator Mr. Koteeswaran.



CFTI Chennai Trainer is conducting TNSDC practical and theoretical training to the candidates for the job of Stitcher Leather Goods and Garments.



Assessor Mr. Zubair conducts TNSDC practical and theoretical assessment of the candidates at one of the CFTI Training centre in Tamil Nadu.



CFTI Chennai Trainer is distributing TNSDC Program Training Materials to the candidates at one of its Training Centre in Tamil Nadu.





CFTI Chennai Trainer conducts TNSDC practical training program to the candidates at one of its training centre in Tamil Nadu.



CFTI Chennai trainer is conducting TNSDC practical training to the candidates for the job role of operator stitching footwear.

### **Objective of Short term skill training**

- To provide Skill training under NSQF approved job roles for unemployed youth and provide them placement in the Footwear and allied Industries.
- To ensure that the candidates are job ready after training, meeting the required levels of National Occupational Standards created by the Leather Sector Skill Council.

### **TNSDC Skill Training Programmes:**

CFTI, Chennai as a training partner is conducting short term skill training program under “Placement linked Entry level training for unemployed youth” sponsored by Tamilnadu Skill Development Corporation at Krishnagiri, Vellore, Tiruvannamalai, Dharmapuri, Tirupathur Districts. The training duration is for one month – 200 hrs to One and half month – 340 hrs duration in NSQf approved jobroles. In this September quarter, Skill Training Division, CFTI Chennai, has completed training for 344 candidates. Currently training is ongoing for 151 candidates and mobilisation is underway for 340 candidates aprox.

CFTI, Chennai is carried out training by setting up training centres at remote villages nearer to Footwear and Leather Goods Industries. The pre survey taken from the MSME and Industry helps CFTI, Chennai to place trained candidates parallelly after successful completion.

The training has also emphasised on shop floor ethics such as 5S, Safety and Housekeeping. Training at the company premises substantially helped in creating shop floor awareness and in addition it has helped to create a very positive attitude for taking up employment in the Leather Footwear sector.





Shop floor supervisors have been appreciating the training modality imparted by CFTI, Chennai and stated that it has resulted an increase in Productivity and in addition a reduction of rework & wastages. The training by CFTI, Chennai is thus tailored to meet the Industry needs and resulted in Skill Speed and scale for productivity in Companies.

#### **Skill Training under the SHG Program:**

Skill Training Programmes are been provided to 124 SC/ST Candidates in NSQF approved job roles under SC/ST fee reimbursement Scheme and 90 candidates were newly commenced in 3 Training centres in this quarter. During the one month course duration, Practical and Theoretical training are provided to the candidates in Stitching operator footwear jobrole or Stitcher leather Goods & Garments jobrole.

#### **Assistance to Training Institutions (ATI):**

50 candidates in 2 batches at Vaniyambadi Multi Skill Development Centre (CFTI Extn Centre) were undergone Skill Training Programme under Assistance to Training Institutions Scheme (ATI) in NSQF Approved Job role Stitching Operator Footwear (LSS/Q2501). The objective of the scheme is to build capacity both physical infrastructure and Human Resource (HR) in National Level Institutions under Ministry of MSME to undertake skill development.

#### **Current Training Programmes:**

Ongoing programme of Short term division SHG Programme is for 90 candidates at 3 training centres were commenced the training duration is for one month duration in Stitching jobroles.

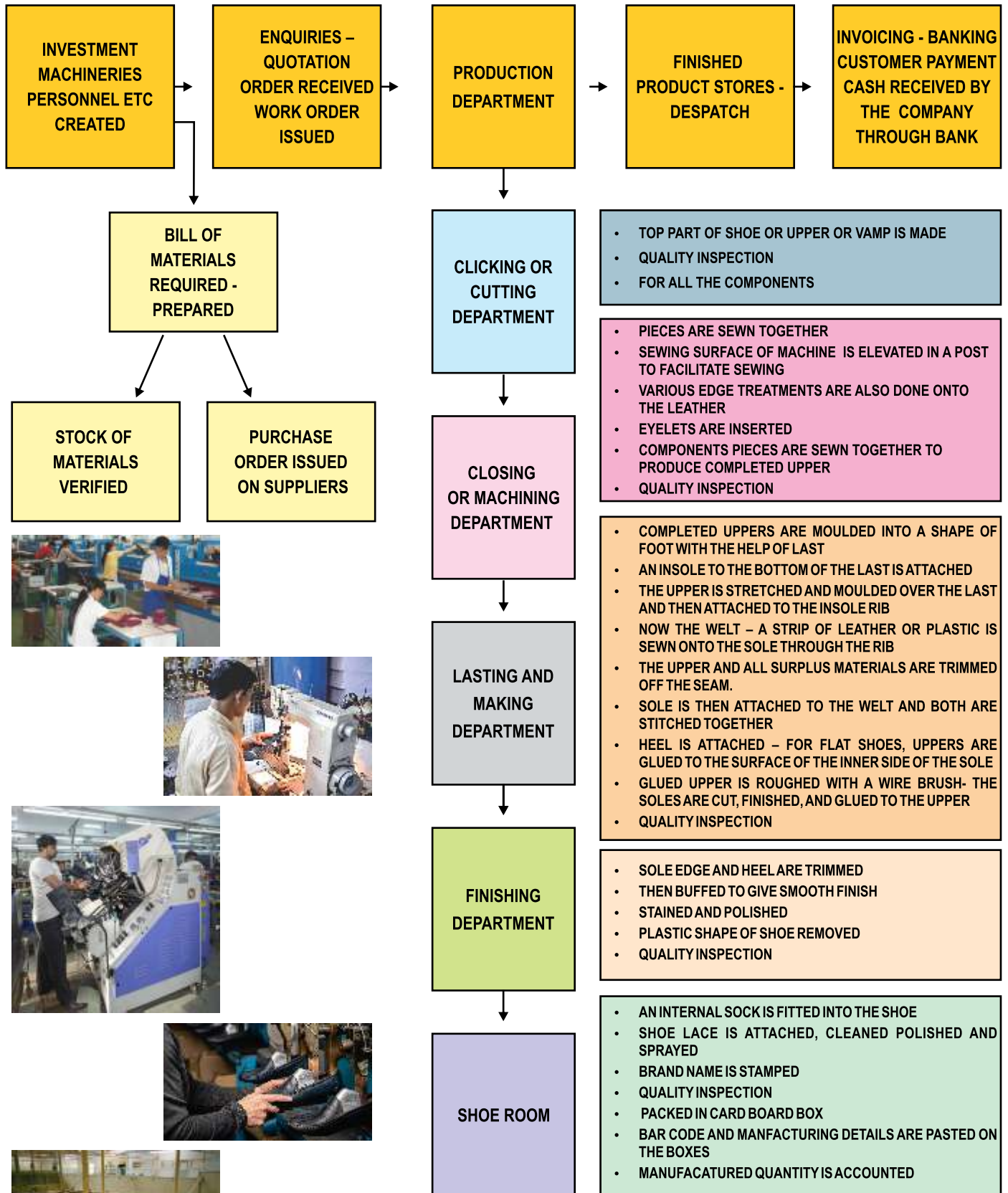
ATI scheme for 50 candidates at Vaniyambadi Multi Skill Development Centre and the training duration is for One Month in Stitching jobroles.

TNSDC Programme is ongoing for 151 candidates in 5 districts.





## SHOE MANUFACTURING PLANT – FUNCTIONAL AND PROCESS FLOW CHART

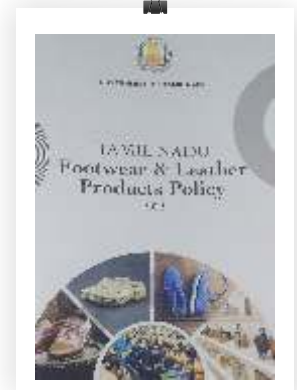


Prof. Raja Sreenivasan

Management Consultant and Corporate Trainer



Hon'ble Chief Minister of Tamil Nadu, Thiru. M .K. Stalin unveiled the “**Tamil Nadu Footwear & Leather Products Policy 2022**” which is expected to increase investments & jobs in the sector. Shri.MURALI K Director CFTI with prominent participants and Industrialists.







Shri. Murali K Director CFTI Chennai visits **Leprosy Hospital at Vellore** who manufacture **Sandals for Diabetic patients** and **Orthopaedic Shoes and Artificial limbs at Karigiri**, Vellore. Discussing to work in association for further developments.



Exposure visit by an International student from **Nigeria Ms.Dorcas** is associated along with **Faculties of the Institute Shri.Srinivasan and Smt.Chandralekha** to **M/s Lloyds, M/s Alfsoles and M/s BBK leathers**





Shri.Murali Director CFTI, Chennai visits the exhibition “SHOETECH 22” and meet various Industry Owners, Experts, Buyer agents, Technocrats, Suppliers and Technicians.







CFTI, Chennai participates in “**SHOETECH 22**” conducted by **ISF & IFCOMA** a Buyer, Seller Meet cum Exhibition at Vellore and meets Industry to understand the needs and requirements in Human resources.







**Ganesh Pooja** is being celebrated at CFTI Chennai participated by **Shri. Murali K Director, Shri.Kolanjivel Deputy Ditector**, other Officers, Staffs and students of the Institute.





## At IILF New Delhi Footwear Expo 2022



**Shri.Murali K Director, CFTI Chennai & Shri.Y.V.R Choudhary** from CFTI Chennai are in meeting & discussion with **Mr.Jim** from **M/s Kukdong Machinery** from South Korea.



CFTI's Both Chennai & Agra participated together at ILAF Fair Kolkata organised by ITPO. Shri.Murali K Director CFTI Chennai and Shri.Ganguly Ex Director CFTI Agra and Technical Advisor made their presence during the event.





New launch of **“Upper Production line with High productivity standards”** inside the premises of CFTI, Chennai started with Pooja by Director, CFTI Chennai, Officers, staffs and workforce to help MSME's under Common facility services.



Meeting on Video conferencing attended by Director CFTI, Chennai under the Chairmanship of Secretary, Ministry of MSME, Govt of India & Additional Secretary and Development Commissioner from Office of DC( MSME)







Shri.Sekar from CFTI Chennai along with Shri. Rajesh Rathnam CEO, Leather Sector Skill Council had a meeting & discussion with Dr. K. Vijaya Bhaskar Raju (Vice-Chancellor) of Bharath Institute of Higher Education and Research University related to MOU for B.Voc Footwear Course



Shri.Dharmendra Pradhan Minister of MSDE launched the SCALE (Skill Certification Assessment for Leather Employees) app which provides a one-stop solution for the skilling, learning, assessment, and employment needs of the leather industry, @clriindia



Ms.Mercy Epao Joint Secretary (SME Division), Ministry of MSME visited Central Footwear Training Institute, Chennai and reviewed the progress and activities of the Institute from Shri.Murali K Director and Shri.Kolanjivel A Deputy Director



Smt. Mercy Epao, Joint Secretary (SME Division), Ministry of MSME, GoI during her visit to CFTI, Chennai inspected & interacted with the students about the training activities along with Shri. Murali K. Director, Shri. Kolanjivel DD, Shri. YVR Choudhary, Shri. Ashok Sharma and other staffs



Shri. Murali K Director CFTI Chennai demonstrates and shows the display materials and machinery involved in the process of Shoe making to Ms. MERCY EPAO Joint Secretary, Ministry of MSM, GoI who visited CFTI, Chennai in the workshop.



Shri. Murali K Director CFTI, Chennai arranged Ms. Mercy Epao, Joint Secretary Ministry of MSME, GoI to visit a weaving mesh leather cluster M/s Ayyappa Enterprises at Chennai making elite leather goods and products in the brand name of "CALONGE".





Ms. Mercy Epao Joint Secretary MSME from Ministry of MSME, Gol undergone the foot scan for Customised Footbed for more comfort under the facility at CFTI, Chennai.



Leather Donated By  
Padmash Leather and Exports Pvt Ltd  
248.28 Meters Square



Leather Donated By  
Bhartiya International Limited  
117.91 Meters Square

## Special Appreciation

CFTI, Chennai deeply appreciates the generosity of Bharatiya International Ltd and Padmash Leather & Exports Pvt Ltd For Donating Leather and Cut Components to our Institute training purpose. We Value your support in helping us in training of our students to flourish in academics.









## Flag hoisting on 75th years of Independence Day at CFTI, Chennai



## Awards and Price Distribution by Shri. Murali K Director to the Winners of various sports Competitions on 75 years of Independence Day



## Entire Crew and students of CFTI, Chennai amidst 75th Independence Day 2022





CFTI Chennai in celebration of 75 years of Independence “Azadi Ka Amrit Mahotsav” by Shri. Murali K Director, Shri. Kolanjivel A Deputy Director, Smt. Lalitha Office Superintendent with other staffs of the Institute.







Shri.Murali K Director CFTI Chennai with Safety Shoes Consultant Shri.Ramesh Srivastava from Kanpur working on New Developments in 3 ranges of Safety Footwear as per NABL Standards at CFTI Chennai along with Shri. Ashok sharma and Shri.Y.V.R Choudhary



Review Meeting by Shri.Murali K Director CFTI Chennai along with Shri. Rajamarudhu TCE and Shri.Goutham EPIL with two of their officers at CFTI Chennai on 22nd Aug 2022.



Meeting with Shri.Nazimmuddin IAS, Additional Chief Secretary & Secretary to Ministry of Labour & Employment, Govt of Tamilnadu by Shri.Selvam IAS ED CLE, Shri.Aqueel Ahmed Chairman LSSC, Shri.Rajesh Ratnam CEO LSSC and Shri. Murali Director CFTI, Chennai

## INNOVATION DESIGN BY CFTI STUDENTS



E. Logesh 32<sup>nd</sup> DFMD



Mohammed Faizan 30<sup>th</sup> DFMD



Ukesh Kumar 32<sup>nd</sup> DFMD

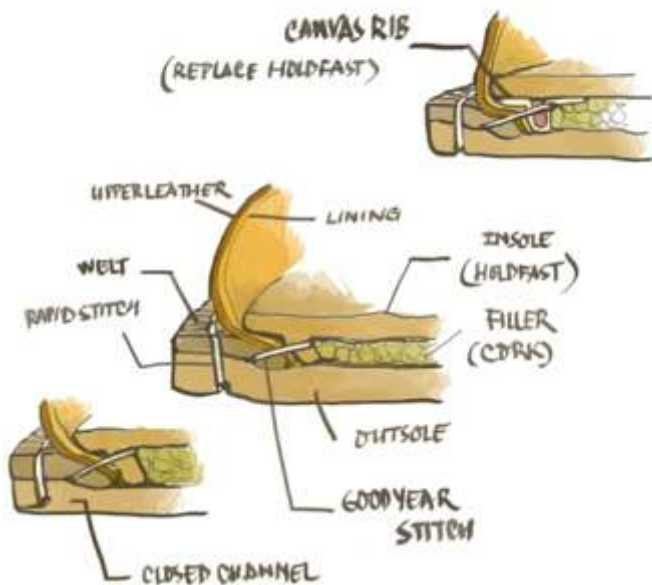


P Jai Kumar 31<sup>st</sup> DFMD



## Goodyear Welt Vs. Blake Stitch Vs. Cement

### GOODYEAR WELT CONSTRUCTION



Even though it doesn't refer to leather quality, or style, or country of origin, or the material of the sole, it's fair to say that **the words "Goodyear welt" have become synonymous with high quality footwear**. In fact, the number one online forum for discussing high-end men's boots on Reddit decided to take the term as its mantle.

#### So What Is Goodyear Welt?

There are also several different kinds of Goodyear welts. A Goodyear welt is the construction that is used to attach the upper of the shoe to the sole of the shoe. The welt is almost always a strip of leather (though it can technically be rubber or plastic) that runs along the perimeter of shoe's sole. **It gets sewn to the upper before it's attached to the sole, and then the strip gets sewn to the sole.** It's a way of connecting the two.

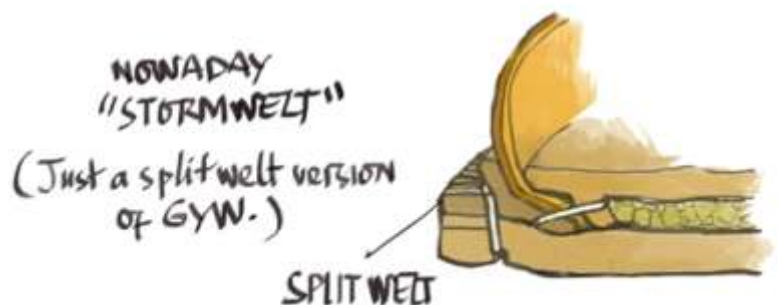
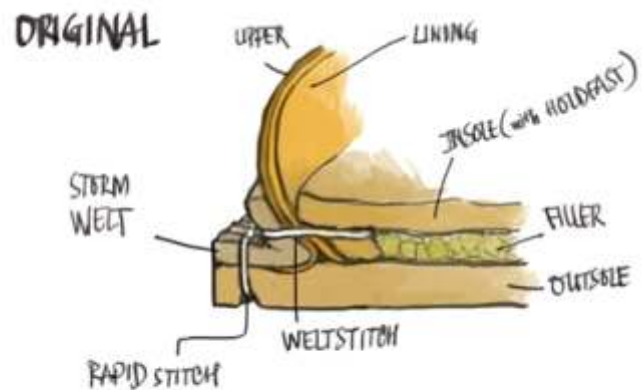
Remember, Goodyear welts aren't restricted to any particular sole. Vibram, leather, dainite, and anything in between can be part of a Goodyearwelt boot. It just refers to the way the upper is attached to the sole.

#### Goodyear Welt Vs. Storm Welt

Considered a kind of Goodyear welt and sometimes called a split-reverse welt — although a split-reverse welt, as seen in Parkhurst boots, is more flexible — the storm welt uses the same construction as a Goodyear welt but with a slightly different welt. While most shoes use what's called a flat welt, a storm welt is wider. Why? That allows for the welt to bend upwards, so that **there's more of a seal around the barrier between upper and the mid-sole.**

#### Goodyear Welt Vs. Blake Stitch

Of course, there are plenty of other ways to go about attaching shoes to soles. When talking high-end footwear, the Goodyear welt is often contrasted with the Blake stitch



To be Continued  
**Chandralekha Ganesh**





## INNOVATIVE DESIGNS USING PATCH WORK LEATHER AND WITH NATURAL MATERIAL BAGS



In continuing of our last CFTI-Footwear Chronicle publication October-December 2021 issues, the Leather Goods division produced PATCH WORK BAGS out of cutting wastage highlighting the “Wealth From Waste Concept “Now we have developed some new innovative bag designs from Natural materials like Leather, Textile, Jute, Canvas and Denim bags and fabricated using combination methods with an ultimate main aim to produce a durable product at economical price.

Ideally, this concept resolves the problem of continuous growing waste that humans tend to dispose but aside from that there are possibilities of business generation that come out of it.

Also, recycling of waste like those of in used fruit drinks have been converted as multi-purpose Bags that can be used for shopping or for luggage plus. The strength of the material used is capable to withstand great amount of load bearing and this makes the Eco-Bags or recycled Bags economical while being environmental friendly.

The main aim of the patch work bags and natural materials designed bags being fabricated are substantial cost reduction and better affordability.

**Dileepkumar**  
Leather product designer.

**BOWLING BAG**



**TRAPEZE BAG**



**HOBO BAG**



**TRAPEZE BAG**



**DOUFELE BAG**



**BOXY BAG**



**PATCH FLAP-  
OVER BAG**



**PATCH TOTE**



**MESSANGER BAG**



**PATCH TOTE**



Made by CFTI



## MARKET CHALLENGES & OPPORTUNITIES IN TECHNICAL TEXTILE FOR SPORTS FOOT WEAR



Sports foot wear component includes shoe lining and shoe upper fabrics used in making of sport shoes. These fabrics are placed to provide comfort to the shoes by keeping it ventilated and moisture free.

### Product Characteristics

The Technical Textile components typically used in the sport shoes are as following:

- Shoe uppers made of PU/PVC coated/Laminated fabrics
- Linings on the counters and below the shoe uppers
- Others including non woven insoles, laces, tapes, labels, elastics, sandwiched meshes, etc

The shoe upper material should have uniform thickness and colour and should possess water-proofing property. The desired characteristics of the shoe uppers are

- Breathability
- Dimensional flexibility
- Colour fastness
- Light weight
- Durability

The shoe uppers and linings account for 90-95 % of the Technical Textile components used.

### Key Growth Drivers and Inhibitors

Increasing income levels in the middle and lower middle class has been a major reason for the growth of footwear industry in India, which in turn drives the market for sport shoe components. Although the footwear industry of India has been growing at a considerable rate, the growth of sport footwear has been limited to just 7% in the men's segment and 20% in the women's segment. The prime reason is the price competitive market of India, where the organized footwear industry has just about 20% share. Rest of the 80% market is supplied by low cost economy shoes, the market of which is growing at over 30% per annum. Many of the manufacturers in the un-organized sector use low cost lower quality lining material and often rubber or PVC uppers to cut cost. This has prevented the market from reaching its full potential. Growth in the organized sector is expected to help the sport shoe component industry to grow to higher levels. The domestic market is expected to grow at 12% during the coming three years.

### Key Manufacturers

The manufacturing of sport shoe Technical Textile components is done mainly by small un-organised players in India. In addition, large players like Bata and Liberty which manufacture their own footwear components.

### Market Opportunity & Challenges:

Shoe lining and Shoe upper fabrics are the major Sports footwear components. These components keep the shoes well-ventilated and moisture-free which provides comfort to the feet of the individual wearing the shoes. The technical textile component used in sports shoes is PU/PVC coated/laminated fabrics that are used in shoe uppers, linings on the counters and below the shoe uppers, non-woven insoles, laces, tapes, labels, elastics, sandwiched meshes etc. The shoe uppers and linings account for 90-95 % of the technical textile components used.

The production of technical textile component of sports shoes is mainly done by small units in unorganised sector of India. There are a few large players like Action shoes, Bata and Liberty which manufacture their own footwear components. The global market size for the technical textile elements of sports footwear is US\$ 12,548 Million in 2019-20, which is expected to grow at 3% to increase value of annual consumption to US\$ 14,546.57 Million. The Indian market for technical textile elements of sports footwear is estimated to be worth Rs. 5,578 Crores in 2019-20. It is estimated to grow at a CAGR of 5% to be able to expand to Rs. 7,119.10 Crores by 2024-25.

### References:

1. Baseline survey of the Technical Textile Industry in India

By  
**T.GNANAPAZHANI**  
Faculty, CFTI, Chennai





## SEMINAR SERIES BEING CONDUCTED BY CFTI CHENNAI

As you are aware that **CFTI, Chennai** has carved a niche for itself for training and making 'Industry Ready' footwear professionals over the last many decades. In its quest to always remain ahead of the curve and to equip its students with the latest developments in Technology, Management Practices, Market knowledge, Quality and Standardization CFTI, Chennai has raised its benchmarks to meet the global market demands and global performance benchmarks. The students who graduate out of **CFTI, Chennai** are equipped with the most advanced knowledge as well as hands on exposure to the latest Technological developments which sharpens their skills and enables them to help the Industry march forward as they pursue their careers in the Industry.

Footwear is as much Science and Technology as it is an art. The **CFTI, Chennai** with its state of the art facilities and experienced faculty grooms skilled professionals who can meet the challenges of the Footwear Industry head on in a globalised scenario.

However, along with the knowledge imparted in-house, it is extremely important that the students hear first hand from experienced practitioners in the Industry on various facets of 'day to day challenges' in running an enterprise.

It is in this context that **CFTI, Chennai** holds a "Seminar Series" for its students to keep them abreast of the latest in the Industry be it a New Product, a New Process, a New Machine, a New Software, New Automation products, New Practices for Improving Quality and Productivity, New Testing Protocols, New Regulations, New Standards, New Management Techniques and many more such useful topics. This seminar series being gather technocrats, Industry & Academia in the footwear sector.



### CONTENTS COVERED :

- Skills & Its Types
- How the Skills to Evolve?
- Where we are?
- Top Domain Futuristic Skills in Footwear
- Need for the Automation.
- A Case Study of using Future Technology

CFTI Chennai conducted the Fourth Seminar in the 'Seminar Series' on **01.07.2022** on the topic of "**EMERGING & FUTURISTIC SKILLS REQUIRED FOR THE FOOTWEAR INDUSTRY**" by **Shri. Sadhanandham. J**, Manager - Academic & Technical Research, Leather Sector Skill Council (LSSC).



CFTI Chennai conducted the **Fifth Seminar in the 'Seminar Series'** on 15.07.2022 on the topic of **“PARTICIPATION IN INTERNATIONAL LEATHER DESIGN COMPETITION ON LEATHER PRODUCT DESIGN CANVAS FOR SUSTAINABLE DEVELOPMENT”** by Ms. Pritleen Soni & Mr. Mona Prasad, Mr. Jagan Kiruba and Mr. R. Jackson, Students of 29<sup>th</sup> DFMD & 5<sup>th</sup> FDPD, Central Footwear Training Institute, Chennai.







CFTI Chennai conducted the **Sixth Seminar in the 'Seminar Series'** on 10.08.2022 in the topic of **“SHOE FINISHING TECHNOLOGY”** by **Shri. Mohammed Hasan**, Executive - Technical, Saba Group.



#### CONTENTS COVERED:

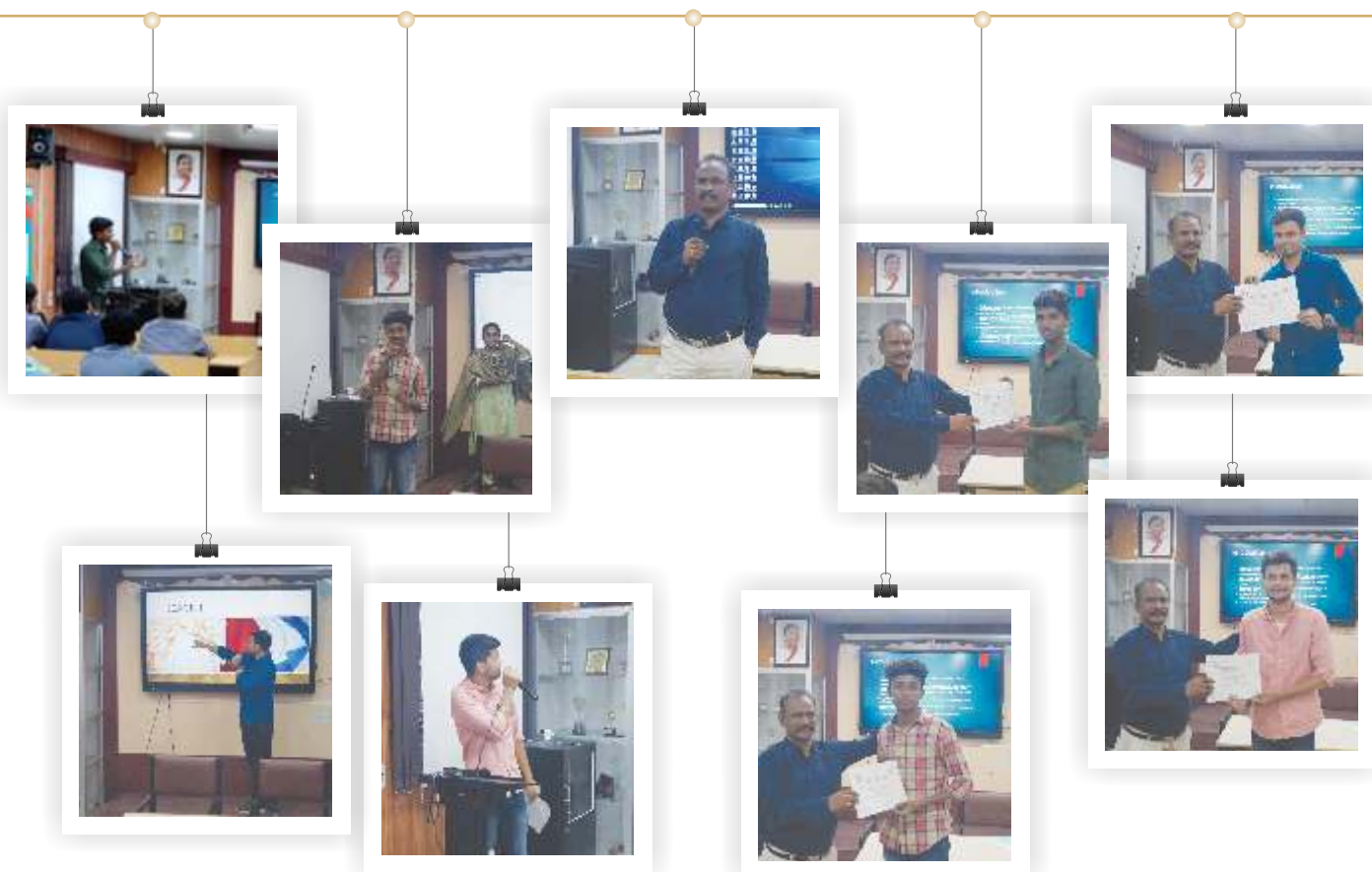
- About shoe finishing process.
- Application of finishes based on various kinds of leather.
- About various types of wax being used in finishing process.
- About various types of cream (Base cream & Top cream) and its applications.
- Display of the various samples of cream and wax.



CFTI's SEMINAR SERIES Chapter 8 on “Importance of Shoe lasts in Footwear manufacturing” by veteran and 32 years experienced expert in lasts, **Shri.Natarajan.O.T** Vice President South from M/s Shangvi Shoe Accessories Pvt Ltd graced the occasion and delivered his best. shoelast



CFTI Chennai conducted the Seventh Seminar in the 'Seminar Series' on 02.09.2022 in the topic of “ADVANCED TECHNOLOGY IN FOOTWEAR INNOVATIONS” by Mr. Harshad.T; “LEATHER ALTERNATIVES” by Mr. Sumitsarsan.S; “SUSTAINABLE MATERIALS & COMPONENTS FOR FOOTWEAR by Mr. Shouvik Mandal and “IDENTIFYING THE CAUSES OF FOOTWEAR REJECTION & DEVISING BETTER SOLUTION FOR THE IMPROVEMENT OF FOOTWEAR QUALITY” by Mr. Prianshu Kumar, Students of 30th DFMD, CFTI, Chennai.



#### CONTENTS COVERED :

- Advanced Technology in Footwear Innovations: Latest Improvement in CAD CAM Technology, Designing Software and Technology Powering in Footwear Innovations.
- Leather Alternatives: Various Types of Vegan Leathers like PU Leather, Fish Skin Leather, Apple Leather, Pineapple Leather, Cork Leather, Mushroom Leather, Recycled Leather, Coconut Leather, Cactus Leather & Wine Leather and its Properties.
- Sustainable Materials & Components for Footwear: Eco Friendly Textile Fibres and Eco Friendly Soling Material.
- Identifying the Causes of Footwear Rejection & Devising Better Solution for the Improvement of Footwear Quality: Effects of Footwear Rejection, Rejection Condition Found in Observation, Minimization of Rejection and Recommendations for Better Solutions.

The Seminars have been very well received with Industry Participation also. The Sessions have been very interactive and the Students as well as the faculty of CFTI Chennai have benefitted from the knowledge shared by all the eminent speakers.





## At One's Fingertip

### C. & J. Clark

**C. & J. Clark International Ltd**, doing business 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.

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.

### History

Origins of C. & J. Clark can be traced back to 1821 when Cyrus Clark (1801–1866) entered into a partnership with a Quaker cousin in the trade of fellmongering, wool-stapling and tanning in Street, Somerset. By 1825, this partnership had been dissolved and Cyrus relocated to a site on the High Street in Street, utilising premises that belonged to his father-in-law to exploit his idea of making rugs out of sheepskins instead of pulling off the wool. C. & J. Clark recognise this as the beginning of their business and continue to occupy the site upon which Cyrus started to this very day.

By 1828, as the business had grown, Cyrus appointed his younger brother James (1811–1906) as an apprentice. Educated away from Street, James was meant to be apprentice to a chemist in Bath, but successfully pleaded with his parents to let him stay in Street and help Cyrus. In 1828–1829, whilst serving this apprenticeship, James began utilising the offcuts that were too short for making rugs to produce slippers (known as Brown Petersburgs). The slippers were made using outworkers who collected materials from the factory, assembled footwear in workshops at home and returned the finished product for payment. This trade rapidly evolved, providing James with a legitimate claim to an equal partnership in the business when his apprenticeship was served in 1833. Thereafter, it traded as C. & J. Clark.

The brothers developed national and international trade (Ireland in the 1820s, Canada by the 1830s, Australia in the 1850s) and were notably innovative, winning the gold medal at the Great Exhibition in 1851 for their guttapercha elongated galosh.

### 1863–1903 – Riding the storm

A couple of bad years that combined volatile market conditions, a certain lack of financial rigour and questionable planning brought the business to the brink of bankruptcy in 1863. The local Quaker community stepped in and part of the bailout deal was the nomination of James' eldest son, William Stephens Clark (1839–1925) to the helm of C. & J. Clark.

William Clark put in place an accelerated repayment plan that saw indebtedness drop considerably to 1873 when he became a partner in the business with his father James. For the first time in Britain, William mechanised the shoemaking process and went on to establish C. & J. Clark both as a pioneer of new technology and as a champion of footwear innovation. James withdrew from the partnership in 1889, to be replaced by his son Francis, William's younger brother.

In line with the family's Quaker values, the capital was also extended beyond the factory to benefit social initiatives in Street: a school was founded so that young men and women could combine working in the factory with continuing their education, a theatre was opened, a library was built, along with an open-air swimming pool and town hall. Playing fields were established for the benefit of all and low-cost housing was provided by the company for its employees.





## At One's Fingertip

### 1904–1945 – Style, technology and foot measuring

In 1903 the partnership arrangement was discontinued in favour of a private limited company. This enabled the succession to the third generation of family members as children of William Stephens Clark became 'life directors' alongside Francis and himself. Tasked with specific responsibilities, Alice Clark, John Bright Clark and Roger Clark developed distinct roles.

Brothers John Bright and Roger Clark studied American making processes and techniques with a view to appointing a suitable candidate experienced in the American factory system that they might bring to Street. John Walter Bostock from Lynn, Massachusetts was recruited in 1904. The implementation was a resounding success and Bostock was made a director of the company in 1928.

A London Office, opened in the West End in 1908, supplemented the shoemaking knowledge with style information. A reputation for high-quality goods available in the latest fashions, was established in the early 1910s, and remained until the Second World War. A premium quality 'Tor' range was produced on the principles of standard lines, followed by a range of affordable fashionable footwear called 'Wessex'.

The company had its first national press advertisement in 1934 and entered formally into retailing in 1937 through the acquisition of Abbotts chain of shops based around London and the provinces. "Peter Lord" was created by Hugh Bryan Clark as a retail brand to avoid alarming agents or alerting competitors to the company's activities. It steadily evolved into a national network of stores.

Growing awareness that 'bad feet' were the product of ill-fitting shoes determined Bostock to devise a new shoe fitting system based on the detailed analysis of thousands of foot measurements taken from local school children. In line with the findings the company launched its new children's ranges in 1945 with a choice of four width fittings, simultaneously with the new Clarks foot gauge that acted as a scientific measuring instrument to aid the shop assistant.

### 1946–1995 – Growth and challenges

Expansion of the business post-war was largely initiated by fourth-generation family members: Bancroft Clark, appointed managing director and chairman in 1942 and his cousins, Anthony Clark and Peter Clothier, accountable for Sales/Marketing and Manufacturing respectively.

The start-up or acquisition of additional manufacturing facilities (peaking at 17 domestic factories) across the South West and South East of England and South Wales meant that the company's volume market share in the UK increased from 1.1 per cent in 1945 to 9 per cent by 1970.

Foreign manufacturing was also sought through agreements with existing domestic manufacturers: Ireland in the 1930s with Australia, Canada and South Africa added in the 1940s and 1950s. Nathan Clark (younger brother of Bancroft) negotiated a number of these agreements in his capacity as Overseas Manager until 1952.

Bancroft retired in 1967. His son, Daniel Clark succeeded Peter Clothier as managing director in 1973, with Anthony Clark remaining as chairman. He retired in 1974, when his son, Lance Clark, was appointed managing director of the manufacturing and wholesaling division.

In 1974 Clarks bought the fashionable Ravel, Pinet and Mondaine. The company acquired "K" Shoes, based in Kendal, Cumbria to salvage it from a hostile takeover. The closure of factories started in 1978, and continued throughout the 1980s.

### Products of Clarks



Chandralekha Ganesh  
Management Faculty



**(A) Long Term Course**

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. Av Thomas Exports Limited, Chennai
9	M/s. St Shoes, Gudiyatham
10	M/s. Kora Shoes, Walajapet
11	M/s. Tata International, Ranipet
12	M/s. Mohib Shoes Pvt Ltd, Ambur
13	M/s. Raadhika Shoe Crafts Pvt Ltd, Chennai
14	M/s. Stitchmatic Shoe Crafts Pvt.ltd, Chennai
15	M/s. Lidkar, Bengaluru
16	M/s. Kapsons Worldwide, New Delhi
17	M/s. Royal Trading Corporation, Mumbai
18	M/s. Fash Footwear, West Bengal
19	M/s. Metro & Metro, Agra
20	M/s. Farida Shoes, Ambur
21	M/s. Shoebird, Mumbai
22	M/s. Foot Pro, Chennai
23	M/s. Alphine Shoes, Faridabad
24	M/s. Habbeb Tanning & Co, Gudiyattam
25	M/s. Odysia Group - Rapture India Footcare Pvt Ltd, Kerala
26	M/s. Walajabad Mei Leather Pvt Ltd, Uthukadu
27	M/s. Bbk Leathers Pvt. Ltd. Leather, Ranipet



### (B) Specialized Program Beneficiaries

1	M/s. Measi Institute Of Management, Tamil Nadu
2	M/s. Archimedis Digital Private Limited, Tamil Nadu
3	M/s. Velogic India Private Limited, Tamil Nadu
4	M/s. Broekman Logistics India Private Limited, Tamil Nadu
5	M/s. Nlc India Limited, Tamil Nadu
6	M/s. Psgr Krishnammal College For Women, Tamil Nadu
7	M/s. Airspan Networks (india) Private Limited, Tamil Nadu
8	M/s. Blue Chip Technologies, Sourashtra
9	M/s. Go Process, Tamil Nadu
10	M/s. Pnnicale Technologies, Karnataka
11	M/s. Arresto Solutions Pvt Limited, Uttra Pradesh
12	M/s. Mobis India, Tamil Nadu
13	M/s. Kajaria Ceramics Ltd, Tamil Nadu
14	M/s. National Plastics Technologies, Tamil Nadu
15	M/s. National Auto Plast, Tamil Nadu
16	M/s. National Poly Plast Pvt Ltd, Tamil Nadu
17	M/s. Lundrex Fabric Care India Pvt Limited, Tamil Nadu
18	M/s. Kanam Latex Industries Pvt Ltd, Tamil Nadu
19	M/s. Sri Karthick Agas Agency, Tamil Nadu
20	M/s. Infac India Pvt Ltd, Tamil Nadu
21	M/s. Vesmak Componentns Pvt Ltd, Tamil Nadu
22	M/s. Patra India Bpo Service Pvt Ltd, Andhra Pradesh
23	M/s. Innovative Technologies, Andhra Pradesh
24	M/s. Fujifilm, Maharashtra
25	M/s. Armoured Vehicles Nigam Ltd, Tamil Nadu
26	M/s. Ask Bulteck Pvt Ltd, Tamil Nadu
27	M/s. Manipal Health Enterprise Pvt Ltd, Karnataka
28	M/s. Metal Forger And Fabrication Pvt Ltd, Tamil Nadu
29	M/s. Saint Gobain India Pvt Ltd, Tamil Nadu
30	M/s. Glosel India Max Impex Pvt Ltd, Tamil Nadu
31	M/s. Worldwide Logiststics Pvt Ltd, Tamil Nadu
32	M/s. Ramco Cement Pvt Ltd, Tamil Nadu
33	M/s. Vellalar College For Women (autonomous), Tamil Nadu
34	M/s. Ar Associates, Tamil Nadu
35	M/s. Govind Miki And Milk Products, Maharashtra





### (B) Specialized Program Beneficiaries

36	M/s. Adk Textiles, Tamil Nadu
37	M/s. Foodlore, Karnataka
38	M/s. Nucleus Centre Of Science, Tiruvandrum
39	M/s. Adr Infotech Pvt Ltd, Tamil Nadu
40	M/s. 360 Era, Tamil Nadu
41	M/s. Vivekananda Institute Of Emergency Medical, Tamil Nadu
42	M/s. Southeren Engineering Corporation, Tamil Nadu
43	M/s. Medopharm Pvt Ltd, Tamil Nadu
44	M/s. Decision Minds, Bangalore, Karnataka
45	M/s. Onward Technologies, Tamil Nadu
46	M/s. Essay Techno Measures, Howrah, West Bengal
47	M/s. Avalon Technology & Services Pvt Ltd, Mepz-sez, Tambaram, Tamil Nadu
48	M/s. Cbre Siuth Asan Pvt Ltd, Chennai, Tamil Nadu
49	M/s. Kone Elevators India Pvt Ltd., Sriperumpudhur, Tamil Nadu
50	M/s. Merck Performance Materials Pvt Ltd, Mumbai, Maharashtra
51	M/s. Kaviko Mandiran, Tamil Nadu
52	M/s. Roots Multiclean Ltd, Kovil Palayam, Pollachi, Tamil Nadu
53	M/s. Psa Citpl, Chennai, Tamil Nadu
54	M/s. Aaruthra Marien Services, Karnataka
55	M/s. Clastek Engineering Pvt Ltd, Sriperumbudur, Tamil Nadu
56	M/s. Alacrity Recruitment Services Private Limited, Andhra Pradesh
57	M/s. Sr Mannava Industries Private Limited, Andhra Pradesh
58	M/s. Center For Modern Skills Development India, Tamil Nadu
59	M/s. Tapresume Private Limited, Tamil Nadu
60	M/s. Premraj Marketing Private Limited (opc), Karnataka
61	M/s. E2s Energy Savers Private Limited (opc), Tamil Nadu
62	M/s. Tasty Living Foods Private Limited, Tamil Nadu
63	M/s. Prenakx Industries Private Limited, Tamil Nadu
64	M/s. Bbap Publisher And Distributors Private Limited, Tamil Nadu
65	M/s. Ravi Media Big India Private Limited, Tamil Nadu
66	M/s. Phoenix Process Automation Private Limited, Tamil Nadu
67	M/s. Taty Trading Private Limited, Karnataka
68	M/s. Vels University, Chennai, Tamil Nadu
69	M/s. Quantum Knits Private Limited, Coimbatore, Tamil Nadu
70	M/s. Mahindra Susten Pvt Ltd, Thane, Maharashtra



### (B) Specialized Program Beneficiaries

71	M/s. Hcl Technologies, Karnataka
72	M/s. Digiworld,chennai, Tamil Nadu
73	M/s. Tmtl, Bhopal, Uttra Pradesh
74	M/s. Automotive Manufacturers Pvt Ltd, Hyderabad, Telungana
75	M/s. Motherson, Bangalore, Karnataka
76	M/s. L&t Mhi Power Turbine Generator Pvt Ltd, Surat, Maharashtra
77	M/s. Sastha,chennai, Tamil Nadu
78	M/s. Royal Enfield, Chennai, Tamil Nadu
79	M/s. Cbre Siuth Asan Pvt Ltd,chennai, Tamil Nadu
80	M/s. Psa Citpl,chennai, Tamil Nadu
81	M/s. Decision Minds, Bangalore, Karnataka
82	M/s. Mercury Textiles,salem, Tamil Nadu
83	M/s. Aaruthra Marien Services, Karnataka
84	M/s. Laundrex Fabric Care India Pvt Ltd,chennai, Tamil Nadu
85	M/s. Croissance ,chennai, Tamil Nadu
86	M/s. Professioal,chennai, Tamil Nadu
87	M/s. Gnccollege, Tamil Nadu
88	M/s. Psg College, Tamil Nadu
89	M/s. Nipha Enterprise Llp, Kolkata, West Bengal
90	M/s. Ruby Hall, Maharashtra
91	M/s. Nds Infoserv, Tamil Nadu
92	M/s. Indian Express, Tamil Nadu
93	M/s. Indian Air Force, Tamil Nadu
94	M/s. Stp Investment Services, Tamil Nadu
95	M/s. Royal Enfield, Chennai, Tamil Nadu
96	M/s. Lakshmi Machine Works Ltd, Coimbatore, Tamil Nadu
97	M/s. Coldwell Banker Richard Ellis India Pvt Ltd (Cbre India Pvt Ltd), Bengaluru, Karnataka
98	M/s. Ola Electric Technologies Pvt Ltd, Pochampalli, Tamil Nadu
99	M/s. Nirmal Industrial Controls Pvt Ltd, Tamil Nadu
100	M/s. R1RCM, Tamil Nadu
101	M/s. National Forensic Science University, Gujarat
102	M/s. Sabarmati University, Gujarat
103	M/s. Welcome Trust India Alliance, Tamil Nadu
104	M/s. Shineglobal Health Ventures Private Limited, Tamil Nadu





### (B) Specialized Program Beneficiaries

105	M/s. Airdesign Broadcast Media Private Limited, Tamil Nadu
106	M/s. SATHYALOK HEALTHCARE PRIVATE LIMITED, Tamil Nadu
107	M/s. RGROW HAIR CARE PRIVATE LIMITED, Tamil Nadu
108	M/s. E SOLLUTIONS CONSULTANCY PRIVATE LIMITED, Tamil Nadu
109	M/s. AKSHAYA LIFTS PRIVATE LIMITED, Tamil Nadu
110	M/s. FILPRO SENSORS PRIVATE LIMITED, Karnataka
111	M/s. JEWEL ANGADI INDIA PRIVATE LIMITED, Tamil Nadu
112	M/s. GREEN CHIP ENVIRONMENTAL ENERGY SERVICES PRIVATE LIMITED, Karnataka
113	M/s. GREENMAPPLE INTERIORS PRIVATE LIMITED, Karnataka
114	M/s. MG CIVIL ENGINEERING PRIVATE LIMITED, Tamil Nadu
115	M/s. INDRATNA FOODS PRIVATE LIMITED, Tamil Nadu
116	M/s. HEALTHY MERCHANTS PRIVATE LIMITED, Tamil Nadu
117	M/s. COSTON TRADING AND CONSULTANCY SERVICES PRIVATE LIMITED, Tamil Nadu
118	M/s. ATHITHIKRIYA HOTELS PRIVATE LIMITED, Karnataka
119	M/s. HOTEL KEK GRAND PRIVATE LIMITED, Tamil Nadu
120	M/s. ADVANZA LOGISTICS PRIVATE LIMITED, Karnataka
121	M/s. I.S.MACHADO LOGISTICS PRIVATE LIMITED, Tamil Nadu
122	M/s. FAWN CHIT FUNDS PRIVATE LIMITED, Tamil Nadu
123	M/s. MOTZKIN CONSTRUCTION PRIVATE LIMITED, Karnataka
124	M/s. INFINITE DEVELOPERS AND PROMOTERS PRIVATE LIMITED, Tamil Nadu
125	M/s. GT REALTORS INDIA PRIVATE LIMITED, Tamil Nadu
126	M/s. MANPOWER GRANDE PROPERTIES PRIVATE LIMITED, Tamil Nadu
127	M/s. SPAN SHELTERS PRIVATE LIMITED, Tamil Nadu
128	M/s. STASE CONSULTANCY PRIVATE LIMITED, Karnataka
129	M/s. 314E IT SOLUTIONS INDIA PRIVATE LIMITED, Karnataka
130	M/s. HATCHERY SOFTWARE PRIVATE LIMITED, Karnataka
131	M/s. NERO BRAIN TECHNOLOGIES PRIVATE LIMITED, Tamil Nadu
132	M/s. MERFANTZ TECHNOLOGIES PRIVATE LIMITED, Tamil Nadu
133	M/s. ETHER INFOTECH PRIVATE LIMITED, Tamil Nadu
134	M/s. GXL TECHNOLOGIES PRIVATE LIMITED, Tamil Nadu
135	M/s. INDIA DIRECT WEB SERVICES PRIVATE LIMITED, Tamil Nadu
136	M/s. BIGBHK TECHNOLOGIES PRIVATE LIMITED, Karnataka
137	M/s. ACTUAL SOFT SOLUTIONS PRIVATE LIMITED, Tamil Nadu

**(C) Jobwork Beneficiaries**

1 M/s. M V Diabetes Foot Care, Chennai	27 M/s. P.a Footwear Pvt Ltd, Thiruvallur
2 M/s. Imaans Shoe, Chennai	28 M/s. Sastha Leather Craft, Chennai
3 M/s. L.m.s.gani Mohamed&co, Vellore	29 M/s. Nobal International, Chennai
4 M/s. Sam Leather,vellore	30 M/s. Raj K Leather, Chennai
5 M/s. Nibras Shoes Pvt Ltd, Vellore	31 M/s. Abbu Designer, Chennai
6 M/s. Evergreen Soles, Vellore	32 M/s. Raadhika Shoecrafts Pvt Ltd, Chennai
7 M/s. Nova Enterprise, Vellore	33 M/s. Unique Concern, Chennai
8 M/s. Indipor Footwaer Pvt Ltd,vellore	34 M/s. Rathna Leather Pvt Ltd, Ranipet
9 M/s. Habeeb Tanning Company, Chennai	35 M/s. Asif Goods, Vellore
10 M/s. Narla Shoes, Ambur	36 M/s. American Orthtech, Chennai
11 M/s. Stanley Safety Products Pvt Ltd, Kanchipuram	37 M/s. Cobblers Craft, Chennai
12 M/s. Bhartiya International Ltd (a.p), Nellore	39 M/s. Leather Hunte Pvt Ltd, Chennai
13 M/s. Zubiya Leather Accessories, Vellore.	40 M/s. Hindustan Foods Ltd, Mumbai
14 M/s. S.h.traders(med Walk), Chennai	41 M/s. Sri Sakthi Leather, Chennai
15 M/s. Accord Shoes, Chennai	42 M/s. First Feet.co-puducherry
16 M/s. Ayaz Leather Products, Chennai	43 M/s. Mm Industrise, Chennai
17 M/s. Marudhar Tanchem Pvt Ltd, Chennai	44 M/s. Shri.ajay Pratap Singh-gujarat
18 M/s. Chennaimesh Enterprise Pvt Ltd, Chennai	45 M/s. Shaniyo Exports, Chennai
19 M/s. Prime Shoes, Chennai	46 M/s. Winner Overseas, Chennai
20 M/s. One Huge Step, Chennai	47 M/s. Vista Shoes, Chennai
21 M/s. N.v.s Manian, Chennai	48 M/s. True Link Leather Exports, Chennai
22 M/s. Caldes Fashion, Chennai	49 M/s. Foot Fit Solution, Chennai
23 M/s. Leather World,ranipet-vellore	50 M/s. Z-shoes,pvt Ltd, Chennai
24 M/s. Cascara Garments, Chennai	51 M/s. Padura Fashion, Chennai
25 M/s. Empories Desing Studio, Chennai	52 M/s. Mm Industrise, Chennai
26 M/s. Good Leather Shoes Pvt Ltd, Chennai	53 M/s. Thansun Techno Leaders





## TARIFF FOR COMMON FACILITY 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	Graphical Documentation Manager	Normal File	1 File	1500
6	Graphical Documentation Manager	Complicated File	1 File	2000
7	Costing Sheet	Any Type	1 File	1000
8	Insole / Sole Grading	For Any Type (Incl. Half Sizes)	1 Series *	500
9	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
10	Swinging Arm Clicking M/c	ATOM SE16 (16 T Capacity)	Per hour	50
11	Swinging Arm Clicking M/c	ATOM SE-18 (20 T Capacity)	Per hour	50
12	Travel Head Cutting Machine	ATOM -SP588 25 Tonnes	Per hour	150
13	Splitting Machine with width 400 mm	SEAZEN SZ 400	Per hour	120
14	Stamping Machine	BRUGGI	Per hour	25
15	Stamping Machine	Indigeneous (TSE)	Per hour	25
16	Strap Cutting Machine (Circular Type)	Indigenous	Per hour	50
17	Strap Cutting Machine (Vertical Type)	Indigenous (TSE)	Per hour	50

### CLOSING & PRECLOSING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
18	Flat Bed Single Needle M/c	Indigenous	Per Hour	25
19	Flat Bed Single Needle M/c	Indigenous	Per Hour	20
20	Flat Bed Single Needle M/c	TTY	Per Hour	20
21	Post Bed Single Needle Sewing M/c	AK8820	Per Hour	20
22	Post Bed Single Needle M/c	TTY 9910	Per Hour	20
23	Post Bed Single Needle M/c	ADLER (888 ECO)	Per Hour	50
24	Post Bed Single Needle M/c	ADLER (4180-I)	Per Hour	25
25	Post Bed Single Needle M/c	JUMBO KING	Per Hour	25



## TARIFF FOR COMMON FACILITY SERVICES



26	Computerized Post Bed Single Needle M/c	ADLER (888 CLASSIC)	Per Hour	50
27	Post Bed Double Needle M/c	Indigenous	Per Hour	25
28	Post Bed Double Needle M/c	ADLER	Per Hour	25
29	Post Bed Double Needle M/c	JUMBO KING	Per Hour	25
30	Cylinder Bed Single Needle M/c	PFAFF-335	Per Hour	25
31	Cylinder Bed Single Needle Lock Stitch M/c	ADLER	Per Hour	30
32	Zig Zag Machine	PFAFF-418	Per Hour	25
33	Skiving M/c	TORIELLI-105	Per Hour	25
34	Skiving M/c	JUMBO KING	Per Hour	25
35	Heavy Duty Skiving M/c with Dust Collector	GLOBAL SK 112	Per Hour	40
36	Skiving M/c	JUMBO KING WR 801	Per Hour	25
37	Strobel M/c	STROBEL	Per Hour	50
38	Strobel M/c	PFAFF	Per Hour	25
39	Pneumatic Eyeleting M/c	TORIELLI	Per Hour	30



### SOLE / INSOLE MAKING SECTION

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

### FULL SHOE LASTING / BOTTOMING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
43	Pre Forming M/c (Moccasin-4 Station)	Indigenous	Per Hour	50
44	Toe Mulling M/c	Indigenous	Per Hour	40
45	Counter Moulding M/C	Torielli 85/ZCH	Per Hour	50
46	Counter Moulding M/c	PR 1440	Per Hour	80
47	Toe Lasting M/c (Hydraulic Type)	MOLINA- BIANCI Mobi 1/ BUSM RBII	Per Hour	200
48	Heel Mulling M/c	157.6.17	Per Hour	40
49	Side and Seat Lasting	CERIME 58 E	Per Hour	200
50	Cement Seat Lasting Machine	Toreilli/ ORMAC- 760	Per Hour	100
51	Heel Seat Crowning Machine	Alen 211	Per Hour	50
52	Pounding & Ironing M/c	Torielli - 17/AGC	Per Hour	60
53	Hot Air Blower	TORIELLI	Per Hour	40
54	Hot Air Blower	Indigenous	Per Hour	40
55	Heat Setting Plant (4 Track)	Indigenous	Per Hour	120
56	Roughing & Scouring M/c	Torielli - CF78/ CF78 N	Per Hour	50
57	Flash Activating M/c	ISMC	Per Hour	30
58	Dryer & Reactivator	PR 1155	Per Hour	120
59	Sole Attaching M/c (Pneumatic)	Elettro Technica BC	Per Hour	75
60	Sole Attaching M/c (Hydraulic)	Sigma 756	Per Hour	100





61	Chiller Plant	Indigenous	Per Hour	80
62	Chiller Flash Activa M/c	706 MOLINA ITALY	Per Hour	70
63	Delasting & Re-Lasting M/c	Indigenous	Per Hour	20
64	Topline (Collar) Forming M/c	Alen- 102 SR	Per Hour	100
65	Brushing & Polishing Machine	Indigenous	Per Hour	50
66	Spray Booth	Indigenous	Per Hour	50
67	Side Wall/ Sole Stitching M/c	MECVAL CS 82 N	Per Hour	175
68	Heel Nailing Pneumatic Machine	Torielli 192/ SDV Lue Model	Per Hour	50

### SPECIAL PURPOSE MACHINES

S.No.	Job Description	Description	UOM	Cost in INR
69	Dieless Cutting M/c	ZUND LC-2400 ECO	Per Hour	1200
70	Comelz Cutting M/c	P55	Per Hour	400
71	PU - Pouring Maching		Per Hour	1000
72	Laser Engraving & Cutting M/c	ELITA 32	Per Hour	300
73	Automated Pattern Sewing M/c	SB 1286201 BAS-341HXL	Per Hour	400
74	3D Customized EVA Foot Bed	Inescop	Per Pair	1100
75	Zig-Zag Sewing M/c with cording	Adler 527-847	Per Hour	50
76	Crimping M/c (Hydraulic Type)	SZ-571	Per Hour	100
77	Cutting Board Surfacing M/c	Indigenous	Per Side	50
78	Toe Moulding /Shaping M/c	Moulded Upper/Components	Per Hour	160





# COMMON FACILITY SERVICES AUTOMATED PATTERN SEWING MACHINE



An ISO 9001 - 2015  
Certified Institution



## BRAND – BROTHER BAS 341 HXL

Do you have some complex patterns to sew to create visually stunning and aesthetic footwear which otherwise require skilled labor and a sophisticated machine?

Regardless of the case, the **programmable electronic pattern sewing machine in CFTI, Chennai could be the solution** for leather and leather product industry that you have been searching for.



### Salient Features:

- The machine provides **accurate and strong sewing for heavy and extra-heavy materials.**
- It provides the **highest quality sewing with maximum performance** exactly the way it is programmed even at high speeds.
- LCD Touch panel provides for **easy programming**, helping **reduce the preparation time.**
- It is designed to replace the need for manual sewing operators to sew leather or non-leather components with **any given complicated shape and pattern for Leather Product applications.**



INPUTS REQUIRED	OUTPUT PROVIDED	TARIFF
Cut Components, DXF Files & Jig	Sewed Upper Leather Components	Rs. 400/- Per Hour

For Job Works and Common Facility Services, Please Contact  
[jobwork@cftichennai.in](mailto:jobwork@cftichennai.in)





# COMMON FACILITY SERVICES CUTTING BOARD SURFACING MACHINE



CFTI Chennai with its latest 'Cutting Board Surfacing Machine' can easily solve the problem of smoothing uneven plastic cutting boards surfaces due to daily commercial usage and helps users significant expense due to the otherwise frequent purchase of new cutting boards.

## **Salient Features:**

- Improve surface sanitation by removing knife cuts.
- The service is performed with industrial equipment specially designed to resurface the plastic.
- Extend the life of existing cutting boards.
- 1/3 the cost of new boards.
- Fast and efficient

INPUTS REQUIRED	OUTPUT PROVIDED	TARIFF
Cutting Board (Uneven Surface)	Cutting Board (Leveled)	Rs. 50/- Per Side

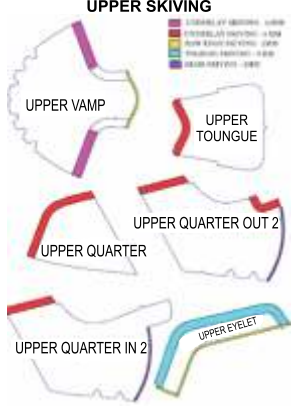
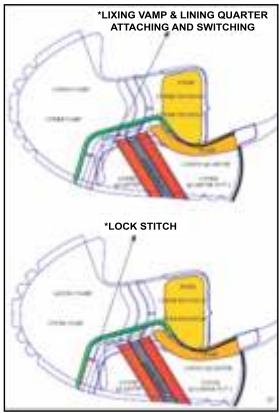
**For Job Works and Common Facility Services, Please Contact  
[jobwork@cftichennai.in](mailto:jobwork@cftichennai.in)**



# COMMON FACILITY SERVICES CAD CAM SERVICES



Your most **RELIABLE** partner for comprehensive 2D & 3D CAD Solutions

FACILITY	SERVICES OFFERED	INPUTS REQUIRED	OUTPUTS PROVIDED
<div><p>UPPER SKIVING</p><p>PRODUCT DATA MANAGEMENT-(PDM) / GRAPHICAL DOCUMENTATION MANAGER (GDM)</p></div>	<ul style="list-style-type: none"><li>• Production modules: Cutting Automation.</li><li>• Working process definition</li><li>• Show Boards</li><li>• Costing modules: Consumption, Costing.</li><li>• Leather and synthetic consumption including parallelogram/auto methods.</li><li>• Easy costs evaluation with Excel like spread sheets.</li><li>• Development modules: Manage BOM and specification sheets for various operations.</li><li>• Managing of materials and components information.</li><li>• Customisable reports and specification sheets.</li></ul>	<ul style="list-style-type: none"><li>• Shoe sample</li><li>• Material details</li></ul>	<ul style="list-style-type: none"><li>• Bill of Materials</li><li>• Technical sheets</li><li>• Production cycles</li><li>• Material components and consumption</li><li>• Costing</li></ul>

## TARIFF FOR GDM & COSTING

S.No.	JOB PARTICULARS	DESCRIPTION	UOM	COST IN INR
1	GDM	Normal File	1 File	1500.00
		Complicated File	1 File	2000.00
2.	Costing Sheet	Any Type	1 File	1000.00

For Job Works and Common Facility Services, Please Contact  
[jobwork@cftichennai.in](mailto:jobwork@cftichennai.in)








# COMMON FACILITY SERVICES CAD CAM SERVICES



Your most **RELIABLE** partner for comprehensive 2D & 3D CAD Solutions

FACILITY	SERVICES OFFERED	INPUTS REQUIRED	OUTPUTS PROVIDED
 <b>CONCEPTUAL DESIGNING</b>	<ul style="list-style-type: none"> <li>Creation of CAD Design</li> <li>Reverse engineering of a Shoe</li> <li>Creation of Virtual Samples</li> </ul>	<ul style="list-style-type: none"> <li>Photo of shoe or 2D sketches</li> <li>Model last</li> </ul>	<ul style="list-style-type: none"> <li>3D shoe design on the last.</li> <li>Creating Virtual 3D prototype of the shoe with different textures.</li> <li>2D &amp; 3D data for production of uppers.</li> <li>Copy a physical shoe for Reverse engineering.</li> <li>Scanning of shoes, sketches and last for 3D shoe modeling</li> </ul>
 <b>3D LAST MODELLING &amp;</b>	<ul style="list-style-type: none"> <li>E-Last Import</li> <li>Advanced Flattening System</li> <li>Simultaneous 2D &amp; 3D Styling</li> <li>Full Pattern Engineering Functions</li> </ul>	<ul style="list-style-type: none"> <li>Model last</li> <li>E-last</li> <li>2D shell with Style Lines</li> <li>Set of Patterns in Model Size</li> <li>Dxf file</li> </ul>	<ul style="list-style-type: none"> <li>3D &amp; 2D Shoe Design and Pattern Engineering.</li> <li>E-last import from the last makers.</li> <li>Model 3D Last modification &amp; Grading.</li> <li>Design/styling directly on 3D last or 2D shell.</li> <li>3D &amp; 2D Grading.</li> </ul>
 <b>2D PATTERN ENGINEERING &amp; GRADING</b>			

## TARIFF FOR 2D PATTERN GRADING

S.No.	JOB PARTICULARS	DESCRIPTION	UOM	COST IN INR
1.	Design & Development	Critical Construction	1 Size	2000.00
		Normal Construction	1 Size	1500.00
		Sandal	1 Size	1000.00
2.	Digitizing & Pattern Grading	Normal Construction	1 Series	1500.00
		Boot & Mocassin	1 Series	2000.00
		Normal Model in Sandal	1 Series	1000.00
3	Marking Patterns	Type by Plastic	1 Series	1500.00
		Type by Shank Board	1 Series	3000.00
4	Cut file on Paper patterns	Type by Chart (Consecutive Sizes)	1 Series	1200.00
		Type by Chart (Incl. Half Sizes)	1 Series	1500.00
5	Insole/Sole Grading	For Any Type (Incl. Half Sizes)	1 Series	500.00
6	Vacuum Shell	For any Type	1 Pair	150.00

For Job Works and Common Facility Services, Please Contact  
[jobwork@cftichennai.in](mailto:jobwork@cftichennai.in)



# 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 & Garments
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)				
(ix)	Lasting Operator (Leather)				
(x)	Helper Upper Making				
(xi)	Helper Finishing Footwear				
(xii)	Helper Finishing Operations				
(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

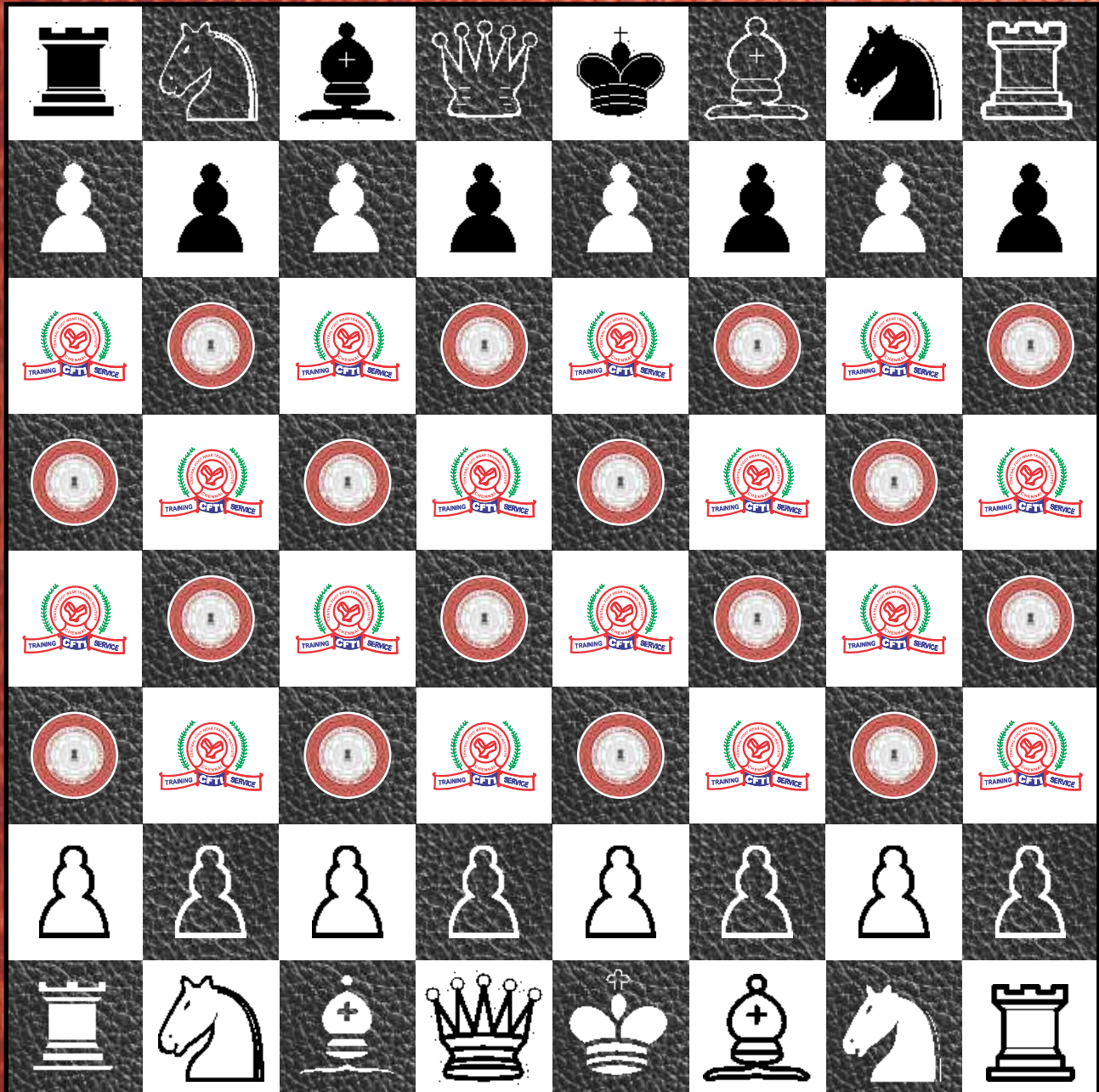
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## *A Better Place to think about Footwear*



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