



# Footwear Chronicle

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An ISO 9001:2015 Certified Institution



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*Visit of Shri. D.P.S. Negi, IES, Economic Advisor, Ministry of MSME to CFTI, Chennai*



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**Director, CFTI, Chennai as a member in the  
20th Governing Council meeting of  
National Instructional Media Institute (NIMI), Chennai  
Shri. Krishnan, IAS, Secretary (MSDE) chaired the meeting**



**Visit of Shri. D.P.S. Negi, IES, to CFTI, Chennai**



**Distribution of Certificates by Mr. Peter Racklyft from Leicester College, UK to the  
25th DFMD students at CFTI, Chennai**



**Moderation of 2nd PGHD (Lidkar Sponsor) by Mr. Peter Racklyft from  
Leicester College, UK at CFTI, Chennai**







## “FRANKLY SPEAKING”

### *From the Director*



Dear Readers,

Greetings from Central Footwear Training Institute, Chennai.

I am pleased to share with you the April - June 2019 edition of our Quarterly Journal – Footwear Chronicle.

As you may observe through this quarterly magazine, Central Footwear Training Institute, Chennai has been progressing year after year in different perspectives, which has been acclaimed by the Leather / Footwear Fraternity. In this happy moment I would like to share with you the pleasure about the increase in subscriber base of this magazine.

The Institute which in its initial stages was conducting footwear related long term / short term courses has steadily increased its activities to common facility services, consultancy services, Central & State Govt. sponsored courses and the self financing specialization courses. These have proved to be a successful module towards the Institute's self sufficiency.

The solid testimony of our Institute reaching the global scenario, is a female student from Egypt who sought admission in our 6 months Condensed course in Footwear Design & Production. She joined the course and completed it successfully.

I am much impressed by the successful completion of the training targets fixed by various Govt. sponsoring agencies, the CFTI, Chennai has been provided with more and more challenging targets. These are the compliance of our team's hard work, which stands to be the pride of CFTI, Chennai.

I also intend to say that our CFTI, Chennai's Common Facility Services have come a long way and started gaining momentum with many beneficiaries adding up to the list. The usage of our state of the art footwear machineries and our services has gone up to higher levels. Thanks to the dedicated workforce.

This Institute has turned to be top on the list for the Footwear industries for their skilled manpower requirement. We facilitate placement for all the trainees of the Institute, irrespective of the duration of the course they undergo in CFTI, Chennai. This facility is also extended to the alumni of the Institute.

Thus the CFTI, Chennai keeps adding the significant achievements. The significant achievements of this quarter are illustrated in the pages of this magazine.

I feel glad to take this opportunity in thanking one and all of the Leather and Footwear Industry for their firm co-operation extended to this Institute in all aspects. This encourages us to leap forward with great enthusiasm.

Let us work together and share the success mutually.





## SIGNIFICANT ACHIEVEMENTS OF CFTI, CHENNAI during APRIL - JUNE 2019



1. Campus Interview by M/s Cheyyar SEZ Developers Pvt Ltd, M/s Fairway Enterprises & M/s Lotus Footwear from FENG TAY GROUP were conducted at the Institute and nearly 42 students were selected from PGHD, FMT, PDFT, FDPD batches FY2019-20.
2. Press Meet organised by CFTI, Chennai in association with Tamilnadu Skill Development Corporation at the conference hall of Press Information Bureau, (PIB), Chennai. Shri. K. Murali Director; CFTI, Chennai, Asst Project Director, TNSDC and Coordinator Shri. Joseph Prabhakar
3. Ms. Mariyam from Egypt undergone a six months full time course in CFTI, Chennai for becoming a Footwear Designer and received the provisional certificate from the Director, CFTI, Chennai against successful completion.
4. Shri. D.P.S Negi (IES) Economic Advisor visited to Central Footwear Training Institute, Chennai and gave us the suggestions to update the facilities of the Institute.
5. Director, CFTI Chennai being the Governing Council Member of National Instructional Media Institute (NIMI) under Ministry of Skill Development & Entrepreneurship attended the 20th GC meeting under Chairmanship of Shri. Krishnan IAS Secretary (MSDE) at the campus of NIMI, Chennai.
6. 1st semester exams conducted for 2nd FDPD, 19th PGDFT & PDFT, in presence of Mr. Suresh, MSME Exam cell Assessor, from CITD, Hyderabad from 26th to 29th March 2019, at Central Footwear Training Institute, Chennai.
7. Faculty Development Program conducted on 30th March 2019, by Mr. Krishna Prasad Nair of Scoop India, Coimbatore, at Central Footwear Training Institute, Chennai.
8. CFTI, Chennai participated in the Education Expo conducted by Dinakaran group (Sun TV group) held at Chennai Trade Centre, Nandambakkam on the 30th and 31st of March 2019. Many in thousands of enquiries for the courses were the unique prospect.
9. Indian Delegation under Shri. Arunkumar Panda, Secretary MSME, Mr. Selvam, ED (CLE), Mr. R.K. Rai Director (O/o DC MSME), Mr. K. Murali Director (CFTI, Chennai), Mr. Sanjeev Chaturvedi, NIMSME, Mr. Udaykumar, NSIC we're visited M/s ALEF & M/s SAPAF, Leather Hand bag clusters in Italy.
10. Mr. Peter Racklyeft, Chief Moderator from TI, Leicester College, U.K visited the Institute for moderating the work of 2nd PGHD, 3rd PGHD, 4th PGHD, 26th DFMD & 27th DFMD between 22nd April to 26th April 2019.
11. CFTI, Chennai participated in education job mela organized by "Vikatan Magazine" at Madurai.
12. Awareness program was conducted for scheduled tribe people of Pachamalai hills near Thuraiyur for admission to CCFDP course.
13. Mr. Udhaya Kumar, Director, Planning & Marketing NSIC visited the Institute to interact with the students sponsored by NSSH and distributed tool kits to the beneficiaries.
14. Training of Trainers program was conducted for all the trainers of CFTI, Chennai by experts Shri. Gowtham Gopalakrishnan & Shri. Raja Chidambaram from URS Productively.
15. Director & Assistant Director (T) of this Institute visited Kolhapur Cluster in Maharashtra to explore feasibility of setting up CFC for the 1000 artisans making Kolhapur chapels for many generation.
16. 15 of our students of 2nd PGHD course visited Leicester College, U.K for a 6 weeks training from 29th April to 8th June 2019 as part of the course curriculum.

Contd....





## SIGNIFICANT ACHIEVEMENTS OF CFTI, CHENNAI during APRIL - JUNE 2019



17. 1st batch of NSSH sponsored CCFDP course was successfully completed during May 2019 with 19 students.
18. CFTI, Chennai was organized awareness program at Thirupattur in presence of 300 odd gathering with the help of Varun Foundation; a similar camp for mobilization was conducted with TVS Srinivasan trust.
19. Shri.A.Kolanjivel, Assistant Director(T) represented CFTI, Chennai at SIYB meeting at MSME,DI branch, Connaught Place, New Delhi
20. Director CFTI, Chennai & Shri. Vimalan MD., at M/s Aiyappa Enterprises distributed RPL (Recognition under Prior Learning) certificates, Type 4 to the skill force working with Best in Class Employers facilitated by CFTI, Chennai at M/s Aiyappa Enterprises (Manufacturers of CALONGE Products)
21. Moderation of final year FMT Students FY 2019-20 were done by Director, Shri.Devasenan and Shri. S. Madhav, STO and key note on the last day were delivered to the students on the final day by the Director, CFTI, Chennai.
22. A Demo workshop on File Transfer software were given to the key personnel, faculties and officers of the Institute to have control on movement of files within the organisation to improve the process of the work.
23. CFTI, Chennai conducted an awareness programme in association with Srinivasa Trust at Kurinjikuppam, Javvadu hills and explained the potential about leather/ footwear sector and the courses offered by the institute for Long term and placement oriented Skill Development programmes.
24. Shri.K. MURALI, Director CFTI, Chennai along with their staffs visited LIDKAR Colony with Lidkar Staffs to identify the need and requirement in setting up of Common Facility Centre (CFC) to 1000s of leather/ chappal making artisans for their growth & Development.
25. After successful completion of external module by 2nd Post Graduate Higher Diploma (PGHD) students of CFTI, Chennai at Leicester College of Footwear, UK; returned from London after 6 weeks exposure studies.
26. Visit to Athani Leather cluster by Director CFTI, Chennai Shri. K.Murali along with LIDKAR MD Shri.Nataraj, LIDKAR Chairman & MLA Shri.Abbayya Prasad, Shri.Maheshkumathalli, MLA Athani and CEO,Hi Design visited Athani Leather Cluster to interact with Leather Artisans in around the area.
27. Shri. MURALI Director, CFTI Chennai, MD, LIDKAR and Shri. Abbayya Prasad, Chairman LIDKAR along with other officials were helping to identify appropriate place for establishment of Extension Centre of CFTI, Chennai at Hubli to uplift huge leather artisans in and around Hubli.
28. Visit to the site at Vaniyambadi and feasibility study arranged by representatives & Staffs of CFTI, Chennai for viability of Extension Centre of CFTI, Chennai establishment.
29. Director, CFTI, Chennai Shri. K. Murali visited the site proposed by Puducherry Education Department at Motilal Nehru Polytechnic, Lawspet for establishment of Extension Centre of CFTI, Chennai for conducting skill development training programmes.
30. Technical Director from M/s. BADER INDIA PVT LTD with their team visited the Institute to have consultancy services from Director, CFTI, Chennai at the Institute to establish a shoe manufacturing Unit at Chennai.



## 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. Its premier courses are the Two year Diploma course in “Footwear Design and Production” and 1½ years Post Graduate Higher Diploma course in Footwear technology & Management studies 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 / Leicester College of Footwear Technology, London and Leicester College of Footwear, UK
- ◁ 1.5 Years Post Graduate Higher Diploma course (PGHD) extended with six weeks of International training exposure at Leicester College of Footwear, London, 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.

## PRESENT TRAINING ACTIVITIES OF CFTI, CHENNAI

Apart from regular long term, medium term and short term courses, CFTI conducts Outreach Skill Development Training Programmes for rural Footwear, Leather Goods artisans of Tamil Nadu in their neighbourhood. The objective of this programme is to develop the Footwear, Leather Goods making skill to the rural artisans at designated clusters near to their residence. These programmes have good response among the artisans as they acquire technical knowledge on material management, cost effective programme etc.

### Placement Linked entry level training programme sponsored by TNSDC, Govt. of Tamilnadu

CFTI, Chennai was given an order by TNSDC for imparting training under placement linked training programme for 2,300 candidates during 2015-16. CFTI completed the training successfully.

After seeing the performance of CFTI, Chennai, TNSDC has given an order again for imparting training for 2,000 candidates under different job roles for the year 2017- 2018. CFTI has accomplished the feat successfully. Since Quality Training was imparted to the entire satisfaction to the sponsor TNSDC has given additional order of 2500 nos. for the year 2017-18. Out of which the skill training for 2,218 candidates have been completed successfully and 282 candidates are in progress and another 2,260 order received from TNSDC for the year (2018-19). 757 candidates have been trained under this program during this quarter.

### Department for Promotion of Industry and Internal Trade (DPIIT) - Primary Skill Development Training Programme

CFTI Chennai conducts DPIIT - Primary Skill Development Training to impart knowledge and skill on shop floor operations, amongst the unemployed youth on specific job roles having the employability in shoe and allied industry. It will facilitate to cater the emerging need of the skilled workforce in the footwear industries functioning at different parts of the country. Therefore, the trainees so trained shall be placed in the industry by making them employable on one hand and to reduce the skill gap in footwear and allied sector in the other. Under DPIIT - Primary Skill Development Training Programme CFTI has completed training for 5,650 candidates FY 2018-19. 238 candidates have been trained under this program and another 479 candidates are undergoing training during this quarter.

### Recognition of Prior Learning (RPL)

Recognition of Prior Learning (RPL) is a platform to provide recognition to the informal learning through work to get equal acceptance as the formal levels of education. RPL is a process of assessment of an individual's prior learning to give due importance to learning as an outcome rather than learning as process.

Under PMKVY, special focus is given by this Institute to RPL by recognizing prior competencies of the assessed candidates and provides a certificate and monetary reward on successful completion of assessment. We have received an order of 5000 nos. from TNSDC out of which 1,598 has been successfully completed. 1014 candidates have been trained under this program during this quarter.

### Skill Training Program Sponsored by Central Leather Research Institute (CLRI)

In Association with Central Leather Research Institute (CSIR-CLRI), (Ministry of Science and Technology) CFTI-Chennai has imparted skill training exclusively for SC/ST candidates on job roles such as Stitching Footwear, Sample Maker and Stitcher-Leather Goods and Pre-assembly Operator totalling 550 nos. Since the assigned task has been completed in a qualitative manner and to the entire satisfaction of the sponsors they have given another order of 300 nos. for the year 2017-18. Out of another order of 121 training for 117 has been already completed. Therefore altogether skill training to 967 candidates has been completed successfully. CSIR

CLRI South- 130 candidates have been trained under this program during this quarter

CLRI North - 400 candidates have been trained under this program during this quarter.

### Training under SHG program

Skill training for 1,080 candidates under SHG program were conducted. 329 candidates have been trained under this program and another 240 candidates are undergoing training during this quarter.

### CFTI has spread its wings

CFTI completed Skill Training under SHG programme for 1,400 candidates in Punjab, Haryana and Jaipur. Apart from this, Skill Training for 350 candidates at Agra was taken up from CSIR-CLRI and executed the task successfully.





## UPCOMING FOOTWEAR EVENTS (JULY 2019 - SEPTEMBER 2019)



**Jul 3-Jul 6, 2019** | Gaziantep, Turkey  
Gapshoes - International Footwear, Slipper,  
Saddlery and Footwear Industry Suppliers

**Jul 9-Jul 9, 2019** | London, United Kingdom  
Lineapelle London

**Jul 10-Jul 12, 2019** | Ho Chi Minh City, Vietnam  
IFLE - Vietnam

**Jul 10-Jul 12, 2019** | Ho Chi Minh City, Vietnam  
Shoes & Leather Vietnam

**Jul 16-Jul 16, 2019** | New York, United States  
4th World Leather Congress

**Jul 17-Jul 18, 2019** | New York, United States  
Lineapelle New York

**Jul 22-Jul 24, 2019** | New York, United States  
NY Liberty Fashion & Lifestyle

**Jul 23-Jul 26, 2019** | Kiev, Ukraine  
Leather & Shoes

**Jul 27-Jul 29, 2019** | Sydney, Australia  
Sydney Shoe Fair Exhibition

**Jul 28-Jul 30, 2019** | Chicago, United States  
STYLEMAX

**Jul 30-Jul 31, 2019** | Teaneck, United States  
The Children's Great Event Shoe Show

**Aug 3-Aug 5, 2019** | Melbourne, Australia  
Melbourne Shoe Fair Exhibition

**Aug 4-Aug 6, 2019** | Birmingham, United  
Kingdom  
Moda Footwear UK

**Aug 6-Aug 7, 2019** | Danvers, Massachusetts,  
United States  
NE Apparel and Footwear Materials Show

**Aug 6-Aug 8, 2019** | New York, United States  
FFANY - Shoe Show

**Aug 13-Aug 13, 2019** | Portland, United States  
FDRA Footwear Materials & Innovation Summit

**Aug 14-Aug 16, 2019** | Stockholm, Sweden  
Nordic Shoe & Bag Fair

**Aug 17-Aug 19, 2019** | Brisbane, Australia  
Brisbane Shoe Fair Exhibition

**Aug 18-Aug 20, 2019** | Toronto, Canada  
Toronto Shoe Show

**Aug 18-Aug 20, 2019** | Atlanta, United States  
The Atlanta Shoe Market

**Aug 21-Aug 24, 2019** | Dallas, United States  
Dallas Apparel & Accessories Market

**Aug 23-Aug 25, 2019** | Wenzhou, China  
All China Shoe-Tech

**Aug 25-Aug 26, 2019** | Livonia, Michigan, United  
States  
Michigan Shoe Market

**Aug 26-Aug 29, 2019** | Moscow, Russian  
Federation  
Euro Shoes

**Aug 27-Aug 30, 2019** | Leon, Mexico  
SAPICA Shoe Fair

**Sep 3-Sep 5, 2019** | Shanghai, China  
All China Leather Exhibition

**Sep 4-Sep 7, 2019** | Dhaka, Bangladesh  
Dhaka International Yarn & Fabric Show

**Sep 7-Sep 9, 2019** | Offenbach, Germany  
ILM

**Sep 8-Sep 9, 2019** | Budapest, Hungary  
International Shoe Trade Exhibition

**Sep 15-Sep 18, 2019** | Milan, Italy  
MICAM Milano

**Sep 17-Sep 23, 2019** | Milan, Italy  
Milan Fashion Week Women's

**Sep 25-Sep 27, 2019** | Shanghai, China  
China International Fashion Fair

**Sep 25-Sep 26, 2019** | Milan Mela Complex, India  
India International Leather Fair &Tex-Styles India

**Sep 27-Sep 29, 2019** | Cairo, Egypt  
Cairo Inter Leather





## Visit of Technical Director, M/s. Bader India Pvt. Ltd. to CFTI, Chennai for availing consultancy services for setting up shoe manufacturing unit



## Dr. Reddys Foundation for Health Education conducted Asthma prevention awareness program at CFTI, Chennai



## Mobilization camp at Tirupattur with Varun Foundation







**Visit to Athani Leather cluster by  
CFTI, Director, Shri.K. Murali alongwith  
LIDKAR, MD and Chairman & MLA Shri. Abbayya Prasad**



**Identification of place for CFTI, Chennai Extension Centre at Hubli, Karnataka**



**Visit to the proposed site for CFTI, Chennai Extension Centre, Puducherry**



**Identification of place for CFTI, Chennai Extension Centre at Vaniyambadi**



**Identification of place for CFTI, Chennai Extension Centre at Minnur**







## Handing over of MSME-DI Madurai Branch to PPDC, Agra



## Swachata Pakhwada - Cleanliness Drive conducted by CFTI, Chennai



## Participation of Director, CFTI, Chennai in “HELLO UNGALUDAN” (DD Pothigai) - A live programme



## Participation of CFTI, Chennai in ‘JOB FAIR MELA’ at Uthangarai for mobilizing the long term and short term courses







## Press meet organised by CFTI, Chennai in association with TNSDC at Press Information Bureau



### File Management System - Demo Workshop conducted at CFTI, Chennai



### CFTI, Chennai and Srinivasa Trust conducted Awareness program at Javadu Hills towards the potential of leather & footwear sector followed by the mobilization of candidates for Footwear Courses



### 21st FMT Course Final Moderation at CFTI, Chennai



### Visit to LIDKAR Colony at Mysore by the Director, CFTI, Chennai followed by the identification of location for setting up Common Facility Services





**HUMAN RESOURCE DEVELOPMENT IN FOOTWEAR INDUSTRY:  
TRAINING FOR NEW MANPOWER & SKILL UP GRADATION**

**OVERVIEW**

Leather and Footwear sector occupies a very important place in the Indian economy on account of its substantial export earnings, potential for creation of employment opportunities and favorable conditions for its sustained growth. There is a large potential to increase the domestic production and exports, necessitating both the need for infusion of manpower as well as up gradation of skills of existing employees. By providing output linked skill development and technical development with financial assistance will also be to enhance skills of the operators to produce technically better products for the consumers and help establish Indian brands. Upgrading the skills of the trainers/ experts of technical institution / NGOs involved and expose them to the best practices. Spread and sustain a technology culture in the Indian footwear sector.

**INDIAN FOOTWEAR INDUSTRY -  
PROSPECTS & PERFORMANCE**

India is a growing economy in the world and it has a largest domestic market and has a huge labour for which is available at a very low cost. There are about 1.10 million workers who are into footwear industry in India. India is the largest global producer of footwear after China, accounting to approx

13% of world footwear production, which is close to 22 billion pairs. Average consumption globally is about 2-3 pairs/person. India produces approximate 2,200 Million pairs annually in different categories of Footwear. Leather footwear 909 million pairs, leather shoe upper 100 million pairs, non-leather footwear - 1056 million pairs. With an estimated global population of 7-8 billion, India constitutes a share of approx 15%, which means 1.2 to 1.3 billion feet needs to be covered from heat, cold, injuries, protection etc.

Global Footwear Industry Trends  
Production

**DOMESTIC MARKET SIZE**

India exports about 115 million pairs, thus nearly 95% of its produce meets its own domestic demand. It is estimated to be worth 20-25,000 crores where leather and non-leather Footwear per capita consumption is estimated to be approx 1.1 pairs. In addition to this, Slippers (Hawai Chappals) segment is close to 10000 crores with per capita consumption are estimated to be 1 pair. Our immediate Asian Neighbors reflect good per capita consumption between 3-4 pairs, whereas the developed nations such as US, EU, UK etc. desirably enjoy a far better per capita of 7 to 8 pairs.

**Global Footwear Industry Trends Production**

S. No.	Country	Pairs (millions)	World Share
1	China	12,887	60.5%
2	India	2,209	10.4%
3	Brazil	819	3.8%
4	Vietnam	804	3.8%
5	Indonesia	700	3.3%
6	Pakistan	298	1.4%
7	Bangladesh	276	1.3%
8	Mexico	253	1.2%
9	Thailand	244	1.2%
10	Italy	207	1.0%



## INDIAN FOOTWEAR INDUSTRY - CHALLENGE

Indian Footwear Industry is lit large but anticipating India to become amongst top 5 Superpowers in 2030, our consumption rates can reach as high as 7-8 Pairs. In such a scenario, India would need to produce anywhere between 8-10 billion pairs consider yearly population growth. Consolidating mid-term status by 2020, the potential target for Indian Footwear Industry will equalize consumption pattern of 3-4 pairs. With six/seven years to go, we need to scale our production from current level of 2 billion pairs to nearly 5 billion pairs at a CAGR rate of 30-40%.

## SKILLS ASSESSMENTS AND IDENTIFICATION OF SKILL GAPS

**Cutting/Clicking:** Lack of knowledge of handling various tools / machine / equipment used for cutting; latest technologies used in the cutting department (bulk cutting, laser cutting etc.); Inability to follow design, match patterns (printed, embossed material) to cut identical pair of shoes

**Upper Stitching:** Inability to stitch neatly with minimum errors/wastage of material, Inability to match colors, Variety of stitching methods; Use of various size and type of needles based on the type of stitching required and material in use)

**Machine Operating Skills:** Lack of knowledge about machine operations; Lack of technical knowledge on working of production plants; Insufficient knowledge about various sophisticated machinery in use; Lack of knowledge of preventive maintenance

**Molding:** Lack of knowledge about; Lack of technical knowledge of molding machine operations

**Last / Lasting:** Lack of knowledge of the importance of last/lasting in the shoe making process; Lack of training on various type of lasting operations using a variety of techniques/ machines

## SKILL UPGRADATION - MOVING UP THE SKILL LADDER

Skills up-gradation aims to create a skilled workforce empowered with the necessary

and continuously evolving skills, knowledge and recognized qualifications to gain access to decent and better employment in the footwear industry. Skill development and up-gradation are of key importance in stimulating a sustainable development process. Skill up-gradation refers to moving up the skill ladder; i.e., from the current lower skill level to a higher skill level. The root of the shortage in supply of skilled labour in response to the rising demand for high-skilled workers can be traced to the persistence of antiquated, less relevant to current market demand and unresponsive training mechanisms.

## TRAINING PROGRAMS (DIPP) - SCOPE AND FUNCTIONS OF SCHEME

**Primary Skill Development:** (Training for Entry Level): It would be on placement linked training where those trained would be placed in the industry and a certificate to that effect obtained.

**Secondary Skill Up gradation:** (Training for Existing Employees): The targeted beneficiaries would be existing employees of the industry for enhancing their productivity and exposing workers to better manufacturing processes etc.

**Tertiary Skill Development:** (Training of Trainers): To create and sustain a technology culture in Indian footwear sector and to enhance competitiveness through upgrading the skills of trainers/experts of technical institution/NGOs involved.

## SKILL PLAN FOR FOOTWEAR SECTOR

Based on the above finding, it is proposed to provide skill upgradation training for semi-skilled and unskilled operators in identified areas at production and operations as given below -

**Skill Upgrading Programs:** Advanced Stitching Operator, Advanced Cutting Operator, Machine Maintenance etc

In order to meet the growing demand of footwear industry, it is proposed to organize the following skill training programmes, which leads to assist the workers in increasing the productivity and sustainable growth.

## FOOTWEAR TRAINING STRATEGY - PRINCIPLES

**Respect the needs of the people** - To be committed to a training strategy that respects the needs of all, is open and accessible to everyone, regardless of culture, gender, ability, financial means or location

**Preparedness** - To provide avenues of opportunity to access training and development initiatives that will help to prepare them to take advantage of and contribute to economic and social development in an industry as it occurs

**Collaboration** - Building partnerships with the MSME's to strengthen and expand the resources available for training and development initiatives. This principle will build on the government's commitment to continue to expand its relationships with academic institutions, private sector industry, labour and non-profit organizations, and to closely work on centre-state relationships.

**Sustainable Development** - India is rich in resources and planning for the use of these resources for the long-term benefit of people is therefore of paramount importance. The training strategy will help in ensuring that development in the country is sustainable.

## CORE STRATEGIES - ASSISTANCE OF GOVT. POLICIES

**Having a training policy:** To maintain industry training policy and standards framework, approve programmes and standards recommended by industry, register, track and certify trainees, and fund the industry training.

**Identifying current and future skills and training needs:** By developing an industry training strategy, designing and developing training programmes, establishing occupational and programme standards, promoting industry training and recruiting trainees, promoting industry participation and engagement in training opportunities.

**Adapting to the changing workplace:** Providing opportunities for people from a varied backgrounds with a broad range of skills.

**Establishing training trust funds:** Community-based and community-driven, these trusts are designed to put decisions about training in the hands of the community itself.

**Focusing on the youth:** By creating opportunities for youth to develop knowledge and skills for work, increasing work opportunities for young people, helping young people respond to the changing nature of work by adopting a multi-disciplinary process with regard to career development opportunities, and removing cultural and social barriers that prevent young people from working.

## CONCLUSION:

Footwear industry is giving more employment opportunities since the people are spending more on footwear and its quality. More opportunities in exports and domestic markets due to population growth and increase in per capita consumption and purchasing power of middle class people are giving hope to India in footwear sector for future employment creation in India. Being a labour intensive industry, its contribution to employment as well as Indian economy is significant. It has potential to provide employment across all sections of the economy especially weaker sections and minority communities in India.

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2. Data available with [http://footwearsinfoonline.tripod.com/ind\\_footwr\\_industry\\_overview.htm](http://footwearsinfoonline.tripod.com/ind_footwr_industry_overview.htm)
3. Sambasiva Rao Vanimireddy, Subashini K, Harish K, Management of HRD Requirements - A Case Study of Indian Footwear Industry, International Journal of Innovative Research in Science, Engineering and Technology (An ISO 3297: 2007 Certified Organization) Vol.3, Issue 2, February 2014

By **K. SRINIVASAN**,  
FACULTY, CFTI, CHENNAI





## Visit of Director CFTI, Chennai Shri. K.MURALI to M/s. Ayyappa Enterprises



**Two Year Diploma students were moderated by Shri. Peter Racklyft from UK**



## UPCOMING NEW DEVELOPMENTS







## PGHD Second Batch students visit to UK



The PGHD in Footwear Technology and Management is one of the world class brand making course conducted by CFTI with the Collaboration of Leicester College, U.K. with the successful completion of 2nd PGHD batch by concluding their curriculum followed by their 6 weeks of induction training in U.K. Where they gain knowledge and scope for stepping to their next level in their career. Altogether 15 student visited the Leicester premises and everyone had undergone training to study Art, Design and Fashions in addition to this they had an educational visit to Satra Testing Centre.



### Visit of Shri. Kolanjivel, Asst. Director, CFTI, Chennai to Hitech Laboratory at Branch MSME-DI, Connaught Place, New Delhi





## GOOD SHOES TAKE YOU SUPERIOR PLACES

The production of shoes has significant environmental impacts, due to the use of materials such as leather, adhesives, rubber, polyvinyl chloride (PVC) and polyurethane (PU). And after we are done using them, most shoes end up on landfills.

The vegetarian and vegan communities were among the first to favour animal- and environmentally-friendly footwear. Initially, eco-shoes tended to be low-quality, unattractive and difficult to find. This prohibited a wider spread, because when it comes to buying a new pair of shoes, consumers often look for the most stylish and comfortable pair they can find. However, nowadays conscious consumption is hip and dedication to locally grown, pesticide free, and handmade products has grown into one of the most sophisticated and highly influential markets in the world.



Shoes are normally made from a mixture of different materials, such as textiles, plastics, elastomers (elastic polymers like rubber) and leather. Leather, rubber, and many textiles are already bio-based - made from organic matter. But plastics and non-rubber elastomers are generally derived from petrochemicals, as are some man-made textiles. The use of sustainable materials for footwear production has been expanding in the last 25 years or so. Nowadays, all shoe parts can be made from bio-based materials. The upper can be made from organic cotton, synthetic silk biopolymers, and Piñatex (made from pineapple leaf fibres). Soles can be produced from natural latex, coir (a mix of coconut husk and natural latex), cork or corn, and insoles from castor oil. Harder parts, for example in mountaineering shoes, can be made from bio-based polyamides or biobased thermoplastic polyurethane (TPU). And finally, complete shoes can now be

produced from algae-based foam and slippers from palm leaf.

When developing new products, footwear manufacturers look at all three phases of the product lifecycle. First, they can improve the production, where materials that can be replenished can replace petroleum-based materials commonly used today. Second, they consider when the product hits the market, consumers don't want to sacrifice on how shoes look and perform. Third, they think about what happens to shoes when people are done wearing them. Bio-based materials can offer advantages to all three phases. They are renewable and can provide comparable or even enhanced performance. Some materials are lighter and others can provide a unique combination of characteristics, like a combination of rigidity and flexibility and reduced moisture uptake.



And finally, bio-based footwear can be compostable or even biodegradable.

Biodegradable footwear is footwear that uses biodegradable materials that can compost after disposal. Such materials can include both natural and synthetic biodegradable polymers and offer a long-term solution to landfill pollution. Recently various large sportswear industries have announced the market introduction of fully biodegradable high-performance athletic footwear. Another trend in the eco-shoe-world is the use of recycled materials, for example plastic gathered from the plastic soup in our oceans. All of these trends - bio-based, biodegradable and recycled shoes - contribute to a circular economy: they reduce the use of fossil materials and avoid piling up ever more waste.

**BRINDHA.M.G.** B.Tech. Leather, M.B.A  
Faculty, CFTI, Chennai.



## BUILDING BRAND INCEPTORS THROUGH BRAND EXPERTISE

In today's competitive footwear market scenario, India too holds a best market value of exports next to the china but as compare to other countries we still feel that a lot needs to be done to prove potential in our own footwear branding & development domain too.

practice. We move beyond theory with multi-layered learning experiences that dive deeper than traditional sessions and teach all about tools and methods which can implement at work tomorrow in an industry.



Over the past 60 years, we've shared our proficiency in design thinking and creative guidance. As leading in design thinking, everything we teach is firmly embedded in our strategic design

A healthy sharing of design dreams for brand exploration in footwear sector are being arranged to utilize the expertise in the respective fields. This Institute has been conducting the brand development/





creative design program for the past 2 years. Students are encouraged to participate and get training related to subjects of branding/designing and interact with brand entrepreneurs from our Central Footwear Training Institute through brand entrepreneurs like SwatiModo.

The brand entrepreneur who currently delivering the concepts on bespoke footwear making and has been coming up with exceptional concepts ever since, endeavoring to touch the next level of creativity. This features makes it unique and ensures that each pair provides a personal touch to its customer in addition to the flawless designs it has in its collections which will be carved a niche for itself in this highly competitive market.



This brand inceptor program enables to bridge the gap between the scholastic knowledge and industrial practicalities or own branding in future. This bringing great benefit to the Indian domestic market because of the talent it possesses in terms of branding and development. The students will be attracted towards an explore creativity by working on innovative development on shoes.

## चमड़े के जूतों की ऐसे बढ़ाएं उम्र

कहते हैं जूतों से हमारा व्यक्तित्व पता चल सकता है। यानी हमारी पर्सनालिटी और लुक्स में जूतों की अहमियत को दरकिनार किया ही नहीं जा सकता है। और बात जब आपके फॉर्मल लेदर शूज की हो तो आपकी देखभाल की जरूरत और भी अधिक होती है। आइए जानें, चमड़ों के जूतों की उम्र बढ़ाने के लिए इनकी देखभाल किस तरह करनी चाहिए।

### पॉलिश में न करें कोताही

चमड़े के जूतों पर आप जितनी अधिक पॉलिश करेंगे, इनका लुक उतना ही बेहतर होता जाएगा और लाइफ बढ़ेगी। सप्ताह में कम से कम तीन बार अपने लेदर शूज पर अच्छी तरह पॉलिश जरूर करें। हां, यह जरूर ध्यान दें कि आपकी पॉलिश अच्छी क्वालिटी की ही हो, वरना जूते तो गए।

### जूतों में मोजे न रखें

अक्सर लोगों की आदत होती है कि दफ्तर से आने के बाद मोजे जूतों में ही रख देते हैं। आप इस गलत आदत से बचें। इससे मोजे से निकलने वाली दुर्गंध व गंदगी जूतों में लगती है और आपके जूते संक्रमित व दुर्गंध से भरे रहते हैं। इससे इनकी उम्र भी घटती है और आपके पैरों की त्वचा में संक्रमण की आशंका बना रहती है।

### जूते सही तरीके से उतारें

कई लोगों की आदत होती है कि बिना शू-लेस खोले ही जूतों पैरों से निकाल देते हैं। लेदर के जूते फ्लेक्सिबिल नहीं होते इसलिए अगर इन्हें सही तरीके से नहीं निकाला जाए तो बहुत जल्द लेदर पर स्ट्रेट मार्क बनने लगते हैं और चमड़ा समय से पहले कटना शुरू हो जाता है।

### धूल और नमी से बचाएं

चमड़े के जूतों को हमेशा शू-रैक के भीतर रखें जिससे उनपर धूल, नमी और सूरज की रोशनी न पड़े। इससे जूतों की चमक लंबे समय तक बरकरार रहती है और चमड़ा खराब नहीं होता।

### पानी से बचाएं

चमड़े के जूतों को पानी से बचाने के लिए आप उनपर अलसी का तेल (लिनसीड ऑयल) की भी कोटिंग कर सकते हैं। इससे चमड़ा वाटरप्रूफ हो जाता है और पानी जूते के भीतर नहीं जाता।





## Specialised Skill Training Programmes conducted by CFTI, Chennai



CFTI, Chennai is organizing Entrepreneur Skill Development training program for various sector based on industrial need and demand. The basic objectives is to bring awareness and to impart required skills and to brief the business opportunity for the participants. CFTI, has initiated to organise various skill training in co-ordination with skill development experts across the country, for removal of disconnect between demand and supply of skilled manpower, building the vocational and technical training, skill up-gradation, building of new skills, and innovative thinking not only for existing jobs but also jobs/self employment that are to be created.



### Companies benefitted by various Self Finance Training Programmes

M/s.Suntech Pvt Ltd, Chennai  
M/s.Crescent Logistics, Chennai  
M/s.Sutherland, Chennai  
M/s.LKR Marketing, Chennai  
M/s.LIC of India, Chennai  
M/s.J.K Audit Firm, Chennai  
M/s.ARS Audit, Chennai

M/s.Mercury Textiles, Salem  
M/s.DIGIWORLD, Chennai  
M/s.ONG, Chennai  
M/s.SASTHA, Chennai  
M/s. Hi-Draw Engineering Precision

M/s. Hi-Draw Engineering Precision Works, Chennai  
M/s.Infine Tech, Chennai  
M/s.GK Power Expertise  
M/s.AIBSPL, Chennai  
M/s.SSC Logistics and Cargo, Chennai  
M/s.Bxtel Ltd, Vellore  
M/s.KMG Info Services, Chennai





## SUCCESS STORY OF SWACHHTA PAKHWADA (16.06.2019 TO 30.06.2019)



**Swachhta Pakhwada**, the cleanliness drive observed from 16<sup>th</sup> June 2019 to 30<sup>th</sup> June 2019 in CFTI, Chennai campus with many new concepts. Shri.Murali, Director inaugurated the Swachhta campaign by administering Swachhta Pledge to all Officers, Staffs and Students in English and Hindi and thereby cleaning work took place in the Institute premises.

Some of the major activities undertaken during **Swachhta Pakhwada** are:

- Painting competition.
- Awareness** campaign focusing on solid/liquid/E-waste management.
- Plantation drive.
- Digitizing and weeding of old files
- Promotion of rain water harvesting and solar energy.
- Coordinated with Municipal Corporation** in the nearby area for promotion of sold/liquid waste management.
- Awareness campaign - **open defecation free (ODF) world** was conducted in the tribal area in Thirupathur, Tiruvannamalai dt.







## SKILL TRAINING & ASSESSMENT

### Placement Linked Training Program sponsored by Tamilnadu Skill Development Corporation



CFTI, Chennai conducts outreach Skill Development Training programmes sponsored by various Central and state Government agencies for rural footwear and leather goods artisans in their neighbourhood across India.

The main objective of the scheme is:

- To Provide Skill Training for unemployed rural youths and provide them placement in the industry.
- To ensure that the candidates are job ready after training and to meeting the required levels of National Occupational standards.

CFTI, Chennai as a training partner undertook 2260 Candidates sponsored by TNSDC, Govt of Tamil Nadu in Leather/Footwear Sector.

In this connection CFTI has started skill training programme sponsored by TNSDC the details are as follows:

Statewise	
State	Total Enrolled Candidates
TamilNadu	759
Total Candidates	759

District Wise	
District Name	Total Enrolled Candidates
Chennai	62
Kanchipuram	139
Tiruvallur	149
Tiruvannamalai	102
Tiruvarur	59
Vellore	248
Total Candidates	759

**Training being conducted by CFTI Chennai to the candidates of various batches at various centres with Qualified trainers on various NSQF jobroles**

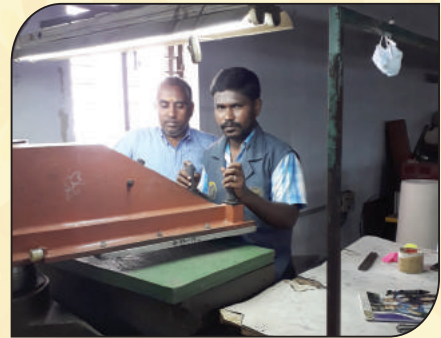






## SKILL TRAINING & ASSESSMENT

Placement Linked Training Program sponsored by  
Tamilnadu Skill Development Corporation



Shri. Vimalan, MD, M/s. Ayyappa Enterprises, Chennai  
& Shri. K. Murali, Director, CFTI, Chennai distributed RPL Certificates to the employees







## DPIIT Programmes

### Primary Skill Development Training Programme



To impart knowledge and skill on shop floor operations, amongst the unemployed youth on specific job roles having the employability in shoe and allied industry. It will facilitate to cater the emerging need of the skilled workforce in the footwear industries functioning at different parts of the country. Therefore, the trainees so trained shall be placed in the industry by making them employable on one hand and to reduce the skill gap in footwear and allied sector in the other.

Total training Duration is 300 Hours (38 Days) (200 Hours (25 Days) – Training & 100 Hours (13 Days) On job training)

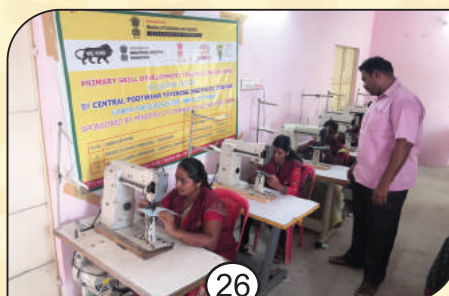
CFTI, Chennai has successfully completed Primary Skill development target of 5000 Candidates for the year 2018-19. This Institute has arranged placements for the successful training completed Candidates in the reputed Footwear and allied Industries.

In this connection DPIIT has allotted another allocation of Primary skill development training for 5000 Candidates to CFTI,

### DIPP Primary Skill Training Status as on 30<sup>th</sup> June 2019

Statewise	
State	Total Enrolled Candidates
TamilNadu	479
Total Candidates	479
District Wise	
District Name	Total Enrolled Candidates
Tiruvannamalai	59
Krishnagiri	239
Kanchipuram	90
Salem	30
Vellore	61
Total Candidates	479

CFTI, Chennai is under mobilization work for imparting training for the rest of the Candidates under DPIIT Programme







# DPIIT Programmes



## Primary Skill Development Training Programme





## RECYCLED SHOES

Making shoes from recycled materials is a trend that more and more manufacturers are embracing. Once the domain of smaller companies with an eye on environmental responsibility, now the biggest names in footwear have sustainability programs in place. From dress shoes to casual, sneakers to boots, shoes made from recycled materials are populating the market in creative and interesting new ways.

### A Climate of Change in Manufacturing

Footwear manufacturers have joined the green movement by recycling materials like plastics, inner tubes, car tires and cork. Environmentally conscious production was, after all, an aspect of doing business many companies never considered. Environmentally conscious footwear production involves better management of energy sources as footwear companies reduce their production emissions and the carbon embedded in their products' components.

Using sustainable materials such as cork for footbeds, latex rubber for the outsole (the part that comes in contact with the ground), and leathers or skins (from cows, pigs and goats) instead of synthetics are all ways to manufacture footwear with a reduced impact on the environment. Even the tanning process, a source of pollution in footwear manufacturing, can be altered from using heavy chemicals and minerals like chromium, to vegetable tanning which uses the bark and leaves of various plants.

### Materials Sources and Usage

Some footwear companies are recycling things you never even considered as recyclable for footwear and some are using a combination of recycled and sustainable materials for their footwear lines.

Some examples of sustainable materials include: cork, a product of the cork oak tree, is used for footbeds. An advantage of using cork is that it is soft, making it comfortable for your foot to rest on. It's also hydrophilic, this is, it wicks moisture away.

Bamboo is used in shoes to reduce odors, and is one of the fastest growing plants in the

world. An eco-friendly advantage of using bamboo is it grows without the use of pesticides.

### Some examples of recycled materials include:

Recycled car tires: tires which are cut in half and then into smaller pieces for use in sneakers. By utilizing what is essentially considered trash for outsoles on shoes, footwear manufacturers prevent tire incineration and the release of harmful chemicals into the air and water sources.

Post-consumer recycled paper: any paper goods such as copy paper, newspapers and magazines that is used to make packaging for recycled shoes. An advantage of using PCR paper, as it's known, is the reduced carbon footprint and extension of the life of the material.



### Conclusion

Toxic waste can be reduced by eliminating the use of volatile chemicals, adhesives and compounds in the production process and adopting non-toxic materials. Using non-toxic sustainable materials like water-based adhesives and non-toxic dyes and colorants made from plants are just a few of the methods used to reduce toxic waste.

**T.GNANAPAZHANI**

M.Tech (Footwear Science)  
FACULTY ,CFTI, CHENNAI





## Awareness camp for Long Term and Short Term courses



Promotional activities for admission to various long-term and short-term courses.

Central Footwear Training Institute was established in the year 1957, provides a wide level of training in footwear technologies with long-term and short-term courses. CFTI Chennai Admission cell was formed to create awareness among public about CFTI's activities and courses offered by the institute.

CFTI received an order from NSSH for imparting skill training for 80 students exclusively for SC/ST community. According to the guidelines stipulated by them, out of 80 students, 30% (24) should be from Tribal community. All our efforts were taken by discussions with Tribal Welfare Department of Govt of Tamil Nadu and by arranging awareness camps at Jamunamathur and Tirupathur in association with the TVS Srinivasan Trust, 22 tribal candidates were mobilized and this training program was made successful.

CFTI Chennai conducted Awareness program about long term and short term courses in different parts of Tamil Nadu like Tiruvannamalai District, Krishnagiri District and Trichy District. And also seven awareness camps were conducted in corporation schools to spread awareness among students. CFTI participated in the Education Expo conducted by Dinakaran group at Trade Center, Nandambakkam, Chennai and another expo at Madurai conducted by Ananda Vikatan group.

CFTI Chennai's activities are now available in Social Medias like Facebook, Instagram and Tik Tok.



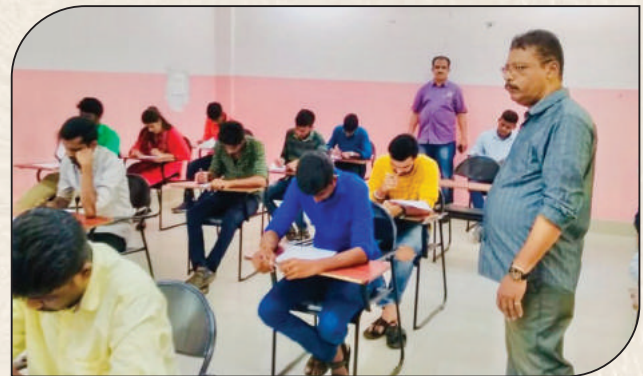
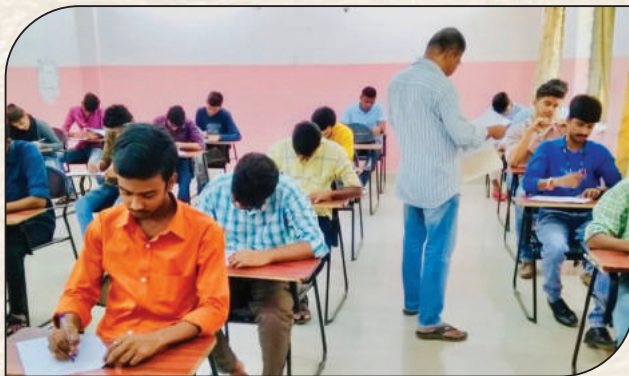




## Training of Trainers (TOT) Program at CFTI, Chennai



**NSQF-MSME Exam Cell Semester Assessment of 2nd FDPD, 18th PG & PDFT in  
CFTI headed by Mr. Suresh, MSME Exam Cell Assessor from CITD, Chennai**



**M/s. Cheyyar SEZ Developers conducted Campus interview for PGHD, FMT, PDFT & FDPD students**



**CFTI, Chennai represented by Shri. A. Kolanjivel, AD (T)  
at SIYB meeting at MSME-DI, New Delhi**

**International student from Egypt in  
thriving completion of  
6 months CFDP course in CFTI, Chennai**







**Tool Kit Distribution and Moderation of 1st CFDP  
by the sponsor National SC/ST Hub (NSSH)  
Director, Shri. Udayakumar and  
Shri. K. Murali, Director, CFTI, Chennai**



**Visit of Director, Shri. K. Murali, CFTI, Chennai &  
Additional Director, Shri. Kolanjivel, CFTI, Chennai to Kolhapur artisans cluster  
to study the feasibility of setting up Common Facility Centre**

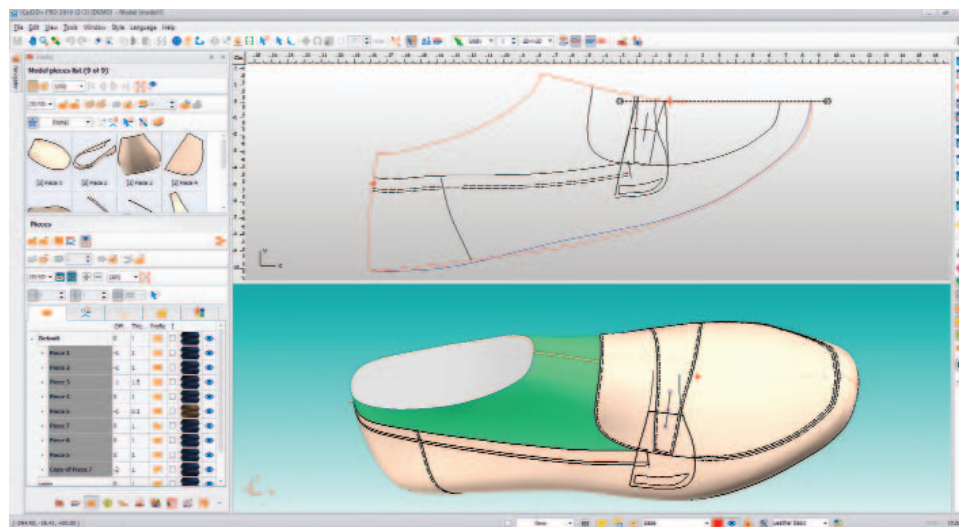
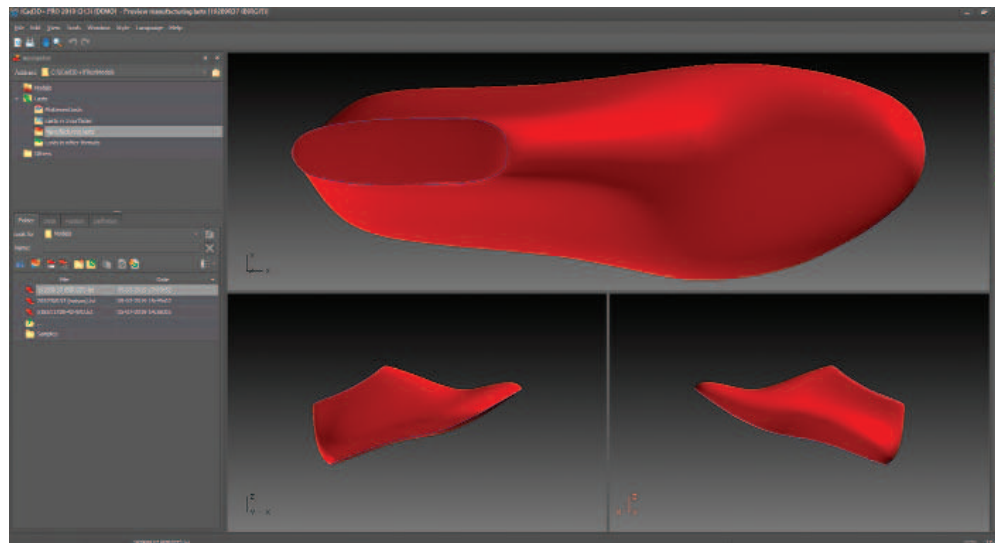




## 3D SHOE DESIGNING

### BENEFITS

- Develops Prototype Design
- Design Variation ,Color Variation
- The Quality of Footwear coming out of 3D design and cater to a wider variety of customer needs.
- The main key driver of 3D is to reduce the need of physical Samples.
- Any Innovations & Creativity will be reflected in the design







## Graphical Documentation Manager

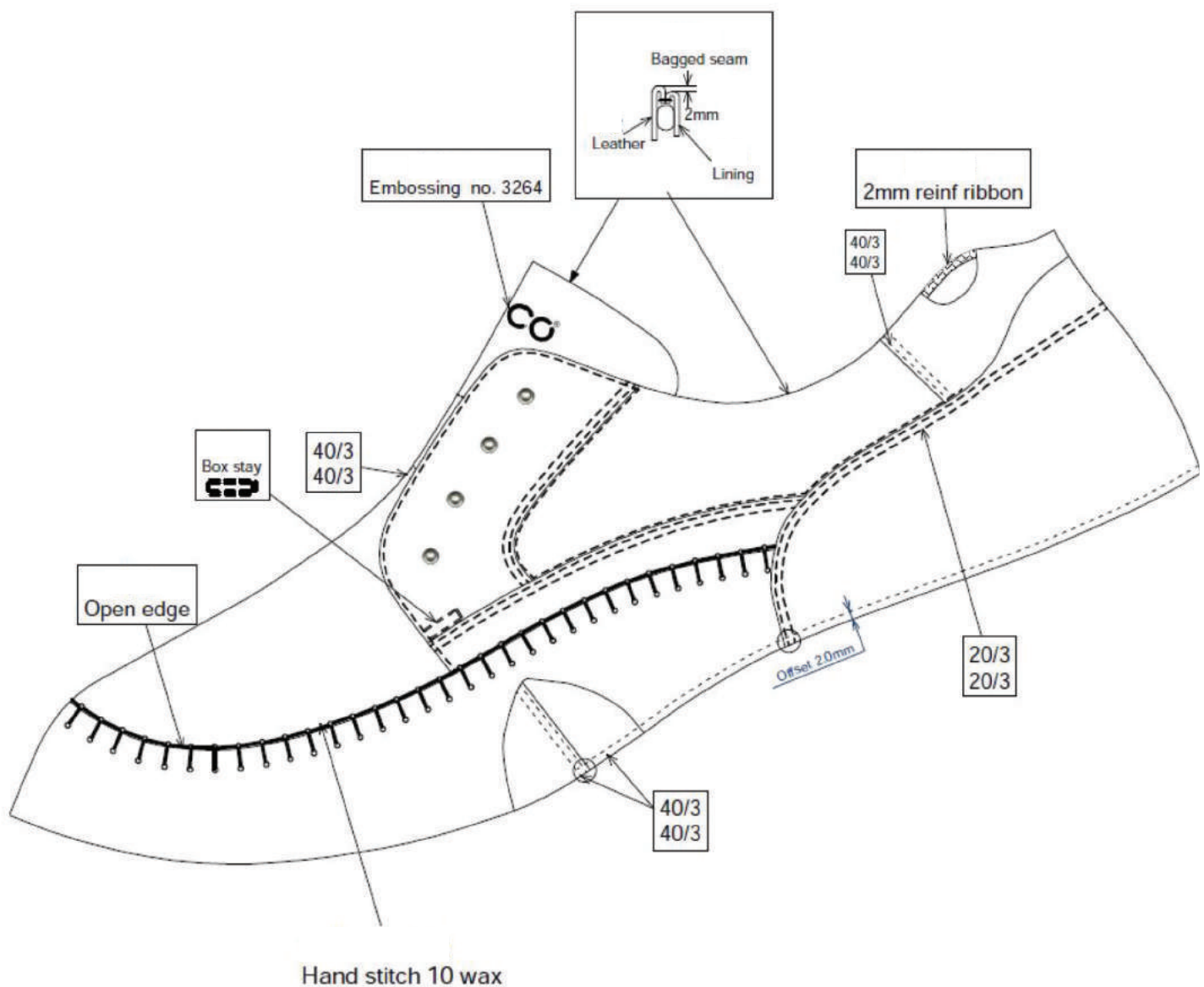


### Benefits

- Automation
- Savings
- State of the Art Technology
- Database Connectivity
- Enterprise Standards Integration
- Easy Pattern Handling and Movement
- Drags & Drop Functionality

### Key Features

- Scaling, Mirroring, Stitching, Skiving
- Table and Template Features
- Object Measurements
- Default or Individual Page Template Layouts
- Smart Editing of Patterns and objects (Geometry, visibility, colors, representation, fonts, positioning)

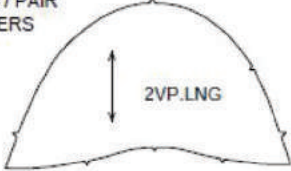
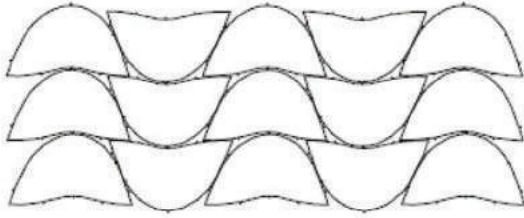
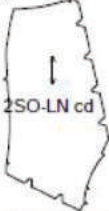
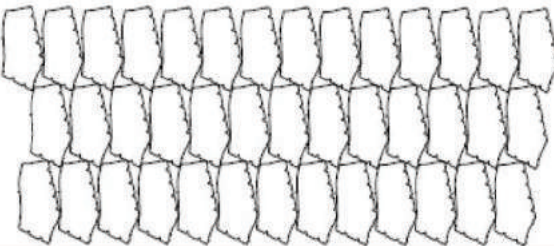

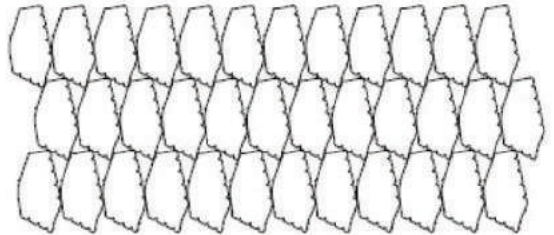






## Graphical Documentation Manager



PATTERN	INTERLOCKING
<p>MAT: R282620 DRILEX W.BLACK POLYESTER FELT 0.8MM 2 PCS / PAIR 6 LAYERS</p> 	
<p>MAT: R282620 DRILEX W.BLACK POLYESTER FELT 0.8MM 2 PCS / PAIR 6 LAYERS</p> 	
<p>MAT: R282620 DRILEX W.BLACK POLYESTER FELT 0.8MM 2 PCS / PAIR 6 LAYERS</p> 	

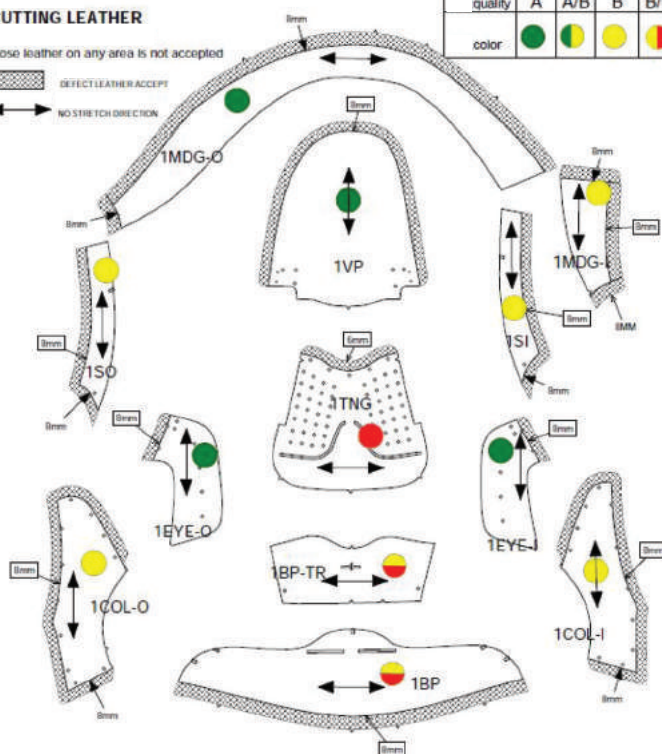
### CUTTING LEATHER

Loose leather on any area is not accepted

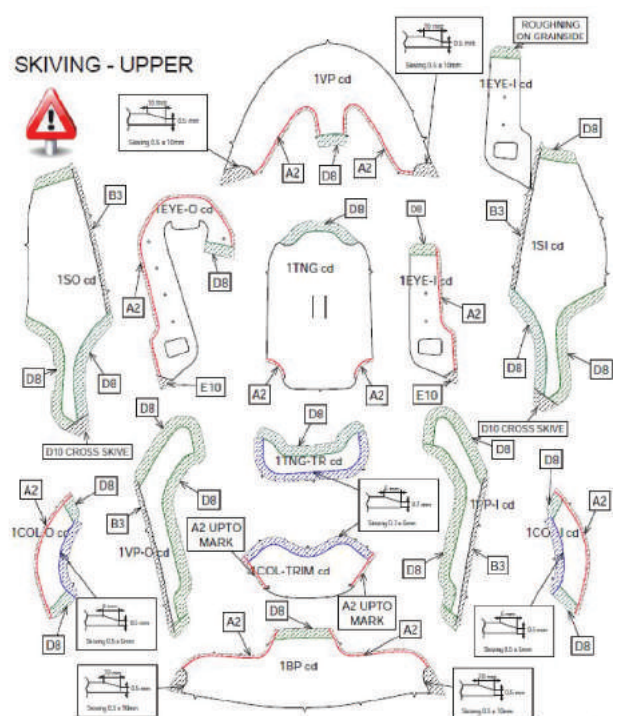
DETECT LEATHER ACCEPT

NO STRETCH DIRECTION

quality	A	A/B	B	B/C	C
color					



### SKIVING - UPPER



For further information contact:  
Director, CFTI, Chennai



## DEVELOPMENT OF TRACTION FEATURES IN SPRINT SPIKES USING SLS NYLON SOLE UNITS

A novel method for incorporating traction features within sprint shoe sole units using selective laser sintering (SLS) was investigated. A bespoke test fixture for measuring traction between track surface and sole unit was developed and is described here. The traction properties of both commercially available and SLS sprint shoes were evaluated. With respect to the SLS sole units the evaluation focused upon whether or not they met the minimum traction requirements deemed necessary for sprinting. The potential to create a fully functional sprint shoe sole unit using additive manufacturing technologies is discussed.

**Introduction:** The ability to generate substantial propulsive forces is a critical factor in sprint performance. During the first few strides from the blocks, 100 m sprinters can develop a backward directed horizontal force component exceeding 120% of their body weight [1]. A slipping movement between the foot and ground is not desired as it reduces the horizontal ground reaction force and dissipates energy, in addition to increasing the risk of injury to the athlete. Traction features are therefore an integral component of sprint shoes. The authors believe that commercially available sprint shoes create sufficient traction with typical track surfaces, under normal conditions, to avoid slipping.

The suitability of using selective laser sintered nylon to create a sprint shoe sole unit which incorporates traction features is explored by investigating the relationship

between the pin geometry, quantity, placement and track traction. The traction features on the SLS sole units were evaluated with respect to whether or not they met the minimum traction requirements deemed necessary for sprinting and their performance compared to that of the commercially available sprint shoes. The current paper discusses the evaluation of traction properties of both commercially available and SLS sprint shoe sole units.

**Methods:** An additive manufacturing process, namely SLS, was used to produce sprint shoe sole units, incorporating traction features. Additive manufacturing methods are free-form additive processes that do not require tooling to produce parts. This elimination of tooling has several advantages including economic low-volume production and increased design freedom [4]. In the SLS process, a laser is used to selectively sinter layers of the powdered nylon12 material. The machine is initially filled with powdered material and is pre-heated to a temperature slightly below the sintering temperature of the material. A laser then scans the cross-sectional area identified for the current slice, sintering the powder. A fresh layer of powder is deposited across the part bed and the process is repeated, during which time the previous layers of un-sintered powder act as a support for any overhanging features. This layering and sintering is repeated until the final 3-D geometry has been completed.

**Test Fixture:** The traction properties of both commercially available and SLS sprint

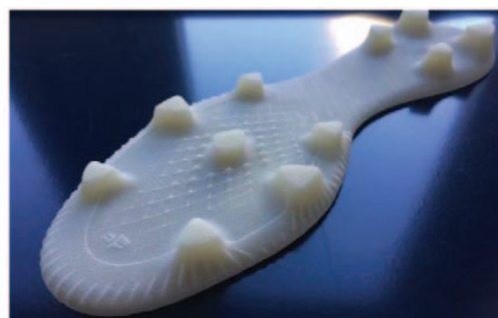
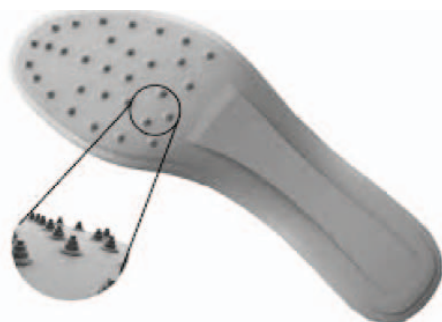
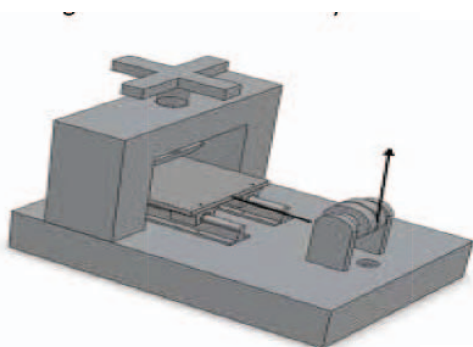


Fig. Selective laser sintering (SLS)



shoes were evaluated using a purpose built test fixture (see Fig. 2). The test fixture was designed based on the ASTM standard for testing traction characteristics of the athletic shoe-sports surface interface (ASTM F 2333-04). The main features of the apparatus follow the guidelines of the ASTM standard. Some aspects were, however, modified. One modification is the manner in which the test shoe is secured to the apparatus. The standard test method ASTM F 2333-04 specifies that the test shoe be mounted on a foot form, creating a tight fit capable of properly transmitting forces through the shoe material to the outsole-playing surface interface. Alternatively, a mounting insole was specially constructed, using fused deposition modeling (FDM) technologies, to be tightly fit inside the test shoe. This insole mates with a complimentary clamp securing the shoe and insole, thereby allowing the application of a vertical force while holding the test shoe stationary.



**Results:** After the initial test trials were completed, the SLS B sprint shoe was excluded from further testing as there was visible fracture of several of the traction features. The results for the remaining three sprint shoes are presented as a mean of the four trials. The graphical data in Fig. 3 shows the horizontal force recorded through displacement of the sprint shoes a distance of 100 mm at the various levels of normal loading.

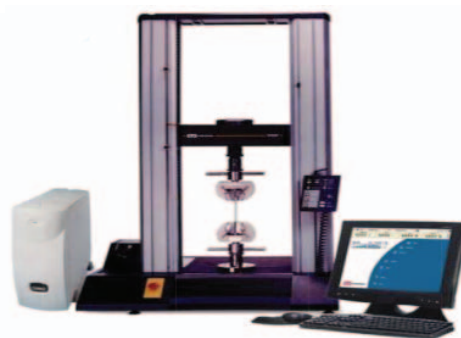
**Discussion & Conclusions:** The results demonstrate that SLS A sprint shoe is able to generate traction forces consistent with the commercially available sprint shoes tested, across the levels of normal loading examined. At lower levels of normal load,

the key concern was slipping of the sprint shoe relative to the track surface. The results, however, did not give evidence that SLS A sprint shoe would be more likely to slip during a sprint run than the commercially available sprint shoes. At higher levels of normal load, heavy wear or failure of the traction features was the main concern. Although the SLS B sprint shoe showed failure of the traction features early in the testing, SLS A sprint shoe demonstrated minimal wear and no failure of any of the traction features. Hence, geometry of the traction features is an important factor in the constructing functional traction features able to withstand typical loading conditions encountered in sprinting without failing.

#### References:

- [1] Mero A. Force-time characteristics and running velocity of male sprinters during the acceleration phase of sprinting. *Research Quarterly for Exercise and Sport* 1988; 59: 94-8
- [2] Laananen H, Brooks C. Determination of critical parameters for spikes track shoe design through analysis of sprinter motion. In: Asmussen E, Jorgensen K, editors. *Biomechanics VI-A*, Baltimore: University Park Press; 1978, p. 310-6
- [3] Toon, D. Design and analysis of sprint footwear to investigate the effects of longitudinal bending stiffness on sprinting performance. PhD Thesis, Loughborough University; 2008.

By **S.WELINGTON RAJA**  
Faculty, CFTI, Chennai





## HOW IS THE FOOTWEAR INDUSTRY GETTING SUSTAINABLE

Waste is generated at the end of every manufacturing process in each and every industry. However, steps are being taken to reduce the wastage and to manage it more efficiently. This is being done by changing the structure of the processes and overall business model of the industry. Initially, the processes were quite linear, which meant that materials were brought into the factory, footwear was made and shipped, and the waste was discarded. And then, more new material was brought in to make new footwear.

However, the footwear industry giants such as Nike are now making their business models more circular. This means that they are now using their waste to create new shoes or incorporate the waste into making other products such as a track court, a playground or another athletic padding surface.

Companies like Nike have begun to take steps towards sustainability. They are making new shoes from older ones and are looking at techniques to reuse the generated waste. The athletic apparel and footwear giant has said that 71 percent of its footwear is now made using the waste products from different manufacturing processes. The waste may include scraps from the company's factories or ground-up pieces of old, discarded shoes. Impressively, in 2015 the brand recycled 92% of its trash.

The company reuses the scraps and old shoes by slicing them into three parts. The rubber from the outsole, foam from the midsole and fibre from the upper sole are separated. They are then put through the grinder and transformed into fabric pellets that can be put into future use for making new pairs of shoes, or other products like an athletic padding surface, a track court, or even a playground. Apart from using the materials in their own creations, they are also selling the recycled waste to outside buyers who can then use it for making gym floors, lining the running tracks and carpet underlay.

### The Environmental Impact

Needless to say, Nike has achieved great results by embracing sustainability. Slowly

yet steadily, we can notice the positive impact it is making on the environment. Nike has been working on reducing the overall water usage through a special waterless dye process. This has helped the company save more than 5 million gallons of water! In 2010, they pledged to stop buying carbon offsets and rather work towards reducing their own emissions. Their vision is to have a goal of 'closed loop' and eliminate all waste products from the manufacturing processes. They want to achieve this by the fiscal year 2020 and completely eliminate footwear manufacturing waste from landfills or incineration. Recycling Shoes and Clothing - Why and the Benefits

Discarding textiles is an absolute waste as they can be reused or repurposed quite efficiently. Every person discards an average amount of 70 pounds of clothes and shoes every year and almost 85% of this waste goes directly into the landfills, where it accounts for almost 5% of the landfill space. It is very easy to repurpose and reuse a lot of the stuff from your wardrobe that you no longer need. It might take some effort but you will help in saving a considerable amount of various energy resources that would otherwise have been spent on manufacturing everything from scratch. Apart from clothes and shoes, you can even recycle belts, purses, stuffed animals, backpacks, etc.

There are a number of benefits of recycling clothing and textiles. Some of them include:

- o Reduces solid waste in landfills
- o Promotes economic development
- o Creates employment nationally and internationally
- o Demonstrates sustainability and reduces carbon footprint
- o Converts waste into value-added product

**PRASANNA S. RAO**

Technical Expert,  
TUV SUD South Asia Ltd.



## **Industries benefitted through Training services of CFTI Chennai**

S.No	Number of Unit benefitted	S.No	Number of Unit benefitted
1.	M/s. A.L.Shoes, Vellore, Tamilnadu	25.	M/s. Harish Enterprises, Gurugram, Haryana.
2.	M/s. AAR JAYS SHOES DIVISION, Navalpur, Tamilnadu	26.	M/s. HARITHA EXPORTS & LEATHER FABRICS, Vellore, Tamilnadu
3.	M/s. AFFAN SHOES, Vellore, Tamilnadu	27.	M/s. Harmony Creation, Tiruvallur, Tamilnadu
4.	M/s. Akila Leather Goods Manufactures, Lalikapuram, Tamilnadu	28.	M/s. Harshini Leather & Garments, Thammappatty, Tamilnadu
5.	M/s. AL-Safa Shoes, Tirupattur, Tamilnadu	29.	M/s. Hemant Shoe Manufacture, Haryana.
6.	M/s. Amar Shoe & Leather Wear, Agra, Uttar Pradesh.	30.	M/s. HI-Bules Leather Junction, Kancheepuram, Tamilnadu
7.	M/s. A.R. Rahman Bag And Liner Works, Nagapattinam, Tamilnadu	31.	M/s. Ideal Trading Corporation, Trichy, Tamilnadu
8.	M/s. Arrow Shoes Pvt.Ltd, Ranipet, Tamilnadu	32.	M/s. J.J Leather Products, Tirunelveli, Tamilnadu
9.	M/s. Baer Shoes India Private Limited, Ambur, Tamilnadu	33.	M/s. Jagjeven Traders, Mohalla, Uttar pradesh.
10.	M/s. Bharat Boot House, Alahabad, Uttar pradesh.	34.	M/s. JK Enterprises, Selam, Tamilnadu
11.	M/s. Bismi Exports And Imports, kumbakonam, Tamilnadu.	35.	M/s. K.P Enterprises Leather & Rexine Goods Garments, Virupatchipuram, Tamilnadu
12.	M/s. Bismi leather bag exports, Thanjavur, Tamilnadu	36.	M/s. KHADIR EXPORTS & IMPORTS, Musiri, Tamilnadu
13.	M/s. BPS Industries, Madhuranthagam, Tamilnadu	37.	M/s. Khajuri Gate, Batala, Punjab
14.	M/s. Chozhan leather exports, Thanjavur, Tamilnadu	38.	M/s. KM ENTERPRISES, Vellore, Tamilnadu
15.	M/s. D Brothers Bag Maker, Nagapattinam, Tamilnadu	39.	M/s. Kumar Shoes, Rangapuram, Tamilnadu
16.	M/s. DN Leather Solutions, Chittore, Andrapradesh.	40.	M/s. Kumaran Bags & Novelties, Kumbakonam, Tamilnadu
17.	M/s. DSP Bags, Tirunelveli, Tamilnadu	41.	M/s. L.M.S Gani Mohamed And Co, Ranipet, Tamilnadu
18.	M/s. Durai Bags Enterprises, Tirunelveli, Tamilnadu.	42.	M/s. Lakshmi Bags & Printers, Karaikal, Pudhucherry
19.	M/s. EverGreen International Exports, Thuraiyur, Tamilnadu	43.	M/s. Latest Footwear Company, Sarna Doongar, Rajasthan
20.	M/s. Farah Boutique, Indore, Madhya Pradesh.	44.	M/s. LSA EXPORTS, Thirupathur. Tamilnadu
21.	M/s. Fashion Bags, Rasipuram, Tamilnadu	45.	M/s. Mamta Handloom & Footstyle, pattila, Punjab
22.	M/s. Future Well Shoes, Gudiyatham, Tamilnadu	46.	M/s. Mayur Shoe company, Jaipur, Rajasthan
23.	M/s. Golden Fabric Bags, Thirunelveli, Tamilnadu	47.	M/s. Mifra Group, Rampur, Uttar Pradesh.
24.	M/s. GV Enterprises, Kallakurichi, Tamilnadu		



### **Industries benefitted through Training services of CFTI Chennai**

S.No	Number of Unit benefitted	S.No	Number of Unit benefitted
48.	M/s. MM Leather, Thiruvarur, Tamilnadu	70.	M/s. Sakthi Footwear Private Limited, Nesapakkam, Chennai, Tamilnadu
49.	M/s. MSK - Creator of Leather Bags and Accessories, Rajapalayam, Tamilnadu	71.	M/s. SEBI Enterprises, Dharmapuri, Tamilnadu
50.	M/s. Nazeer Exports and Imports, Ariyalur, Tamilnadu	72.	M/s. Shoe Land Shoes, Gudiyatham, Tamilnadu
51.	M/s. Nivetha Fabric & Apparels, Erode, Tamilnadu	73.	M/s. Shree Garments, Madurai, Tamilnadu
52.	M/s. Nova International, Nagalkeni, Chennai, Tamilnadu	74.	M/s. Shree Leather Pvt. Ltd., Tiruvallur, Tamilnadu
53.	M/s. NVS Bag Workks, Nagapattinam, Tamilnadu	75.	M/s. Shri Sai Enterprises(INDIA), Haridwar, Uttrakhand.
54.	M/s. Page One Fashions, Madurai, Tamilnadu	76.	M/s. Skywalk Shoe Industries, Ranipet, Tamilnadu
55.	M/s. Pairahan Boutique, Indore, Tamilnadu	77.	M/s. Sri Vigneshwara Bags, Karaikal, Pudhucherry
56.	M/s. Paragon Polymer Products Pvt. Ltd, Salem, Tamilnadu	78.	M/s. Subik Shoes, Ambur. Tamilnadu
57.	M/s. Phoenix Leders, Kundrathur, Chennai, Tamilnadu	79.	M/s. Sunny Shoes Centre, Rampur, Uttar Pradesh.
58.	M/s. Pratibha Syntex Ltd, Pithampur, Madhya Pradesh.	80.	M/s. T.A. Enterprises, Alangulam, Tamilnadu
59.	M/s. Prime Shoes(Division-II), Kancheepuram, Tamilnadu	81.	M/s. Thanisha Enterprises, Neemrana, Rajasthan.
60.	M/s. Puttashree Leathers, GD Nellore, Andhra Pradesh.	82.	M/s. The Shelters, Gurudapur, Punjab.
61.	M/s. Puttashree Leathers, Ranipet, Tamilnadu	83.	M/s. Tirupati Export, Agra, Uttar Pradesh
62.	M/s. Raja Exports & Imports, Padalur. Tamilnadu	84.	M/s. TMH SHOE FABRICA, Visharam, Tamilnadu
63.	M/s. Rajakuppam Village & P.O, Gudiyatham, Tamilnadu	85.	M/s. Uality Rexine Bags House, Karaikal, Pudhucherry
64.	M/s. RJ Leather Solution, Chittore, Andhra Pradesh	86.	M/s. UB International Trading Limited, Ambur, Tamilnadu
65.	M/s. RJS FABRICS & LEATHERS, Ranipet, Tamilnadu	87.	M/s. Veerupakshi Group, Agra, Uttar Pradesh
66.	M/s. RMS Leather Mart, Tirunelveli, Tamilnadu	88.	M/s. Vels Exports & Imports, Trichy. Tamilnadu
67.	M/s. S.M LEATHER DESIGNS, Theni, Tamilnadu	89.	M/s. Vetiyapuri Shoes, Ambur, Tamilnadu
68.	M/s. S.R.Vin Company, Ambur, Tamilnadu	90.	M/s. Wing Tailor, Mahendergarh, Haryana.
69.	M/s. SAGANAA LEATHER GALAXY, Theni, Tamilnadu	91.	M/s. India Shoes Pvt Ltd, Ramapuram
		92.	M/s. Cheyyar Sez Developers, (Bargur plant)
		93.	M/s. Cheyyar Sez Developers Pvt. Ltd, Cheyyar



## Companies benefited through Common Facility Services of CFTI, Chennai

S.No	Company Name	S.No	Company Name
<b>CAD SECTION &amp; PATTERN GRADING</b>		9.	RGT & PE CONCEPTS (P) LTD, VANAGARAM CHENNAI
1.	WINNER OVERSEAS, CHROMPET CHENNAI	10.	RAADHIKA SHOE CRAFTS (P) LTD, GUINDY, CHENNAI
2.	HABEEB TANNING CO, PERAMBUR CHENNAI	11.	SRI SAIRAM LEATHER PRODUCTS, AMINJIKARAI, CHENNAI
3.	SHANIYO EXPORTS, SHENOY NAGAR CHENNAI	12.	TATA INTERNATIONAL LTD, NANDAMBAKKAM, CHENNAI
4.	BURGAN FOOTWEAR MANUFACTURING CO, SAFAT 13031 KUWAIT	13.	VEN PONN SHOES (P) LTD, CHROMPET CHENNAI
5.	OSURI FOOTWEAR COMPONENTS (P) LTD, THIRUMUDIVAKKAM CHENNAI	14.	VISTA SHOES, CHENGALPATTU
6.	NECKY ENTERPRISES, SOLAPUR 413005	15.	WINNER OVERSEAS, CHROMPET
<b>CLICKING SECTION</b>		<b>PU POURING SECTION</b>	
1.	BHARATIYA INTERNATIONAL LTD, CHENNAI	1.	M V DIABETES FOOTCARE, ROYAPURAM, CHENNAI
<b>DIELESS SECTION</b>		2.	NAGARJUNA EXPORTS, KOLATHUR, CHENNAI
1.	BHARATIYA INTERNATIONAL LTD, CHENNAI	3.	SANGEETHA ENTERPRISES, CHROMPET, CHENNAI
2.	EVERGREEN ASSOCIATES, NEW VASUR, CHENNAI	4.	TRACK SHOES, KOVUR, CHENNAI
3.	GOOD LEATHER SHOES (P) LTD, NOOMBAL, CHENNAI	<b>LASTING &amp; FULL SHOE MAKING SECTION</b>	
4.	HABEEB TANNING CO, PERAMBUR, CHENNAI	1.	HABEEB TANNING CO, PERAMBUR CHENNAI
5.	LEATHER CRAFTS INDIA (P) LTD, CHENGALPATTU	2.	MR. PARTHIBAN, CHENNAI
6.	MR. PARTHIBAN, CHENNAI	<b>LASER CUTTING</b>	
7.	NAGARJUNA EXPORTS, KOLATHUR, CHENNAI	1.	GAITONDE LEATHER & ACCESSORIES (P) LTD, CHETPET, CHENNAI
8.	NOVA ENTERPRISES, PAMMAL, CHENNAI	2.	MOHAMMED TRADERS, PERIYAMEDU, CHENNAI





## Tariff for Common Facility Services



**Dieless Cutting Machine**



**Plotter**



**Comelz**



**Automated Sewing Machine**



**Vaccum Shell**



**PU - Pouring Machine**





# 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	MOCCASIN	1 SIZE	2000
2	Digitizing & Pattern Grading (1.01)	SHOE	1 SIZE	1500
		SANDAL	1 SIZE	1000
		For any Normal Construction	1 Series *	1500
		For Boot & Mocassin	1 Series *	2000
		Normal Model in Sandal	1 Series *	750
3	Marking Patterns (1.02)	Type by Plastic	1 Series *	1500
4		Type by Shank Board	1 Series *	3000
5	Cut file on Paper patterns	Type by Chart	1 Series *	1200
6	Insole / Sole Grading	For Any Type	1 Series *	250
7	Vaccum Shell (1.05)	For Any Type	1 Pair	120

## Tariff for other Common Facility Services

### CLICKING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
8	Swinging Arm Clicking M/c	ATOM SE16 (16 T Capacity)	Per hour	40
9	Swinging Arm Clicking M/c	ATOM SE-18 (20 T Capacity)	Per hour	40
10	Travel Head Cutting Machine	ATOM -SP588 25 Tonnes	Per hour	120
11	Splitting Machine with width 400 mm	SEAZEN SZ 400	Per hour	120
12	Strap Cutting Machine (Circular Type)	Indigenous	Per hour	50
13	Strap Cutting Machine (Vertical Type)	Indigenous (TSE)	Per hour	50

### CLOSING & PRECLOSING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
14	Flat Bed Single Needle Machine	PFAFF -563	Per hour	20
15	Post Bed Single Needle Machine	PFAFF -491	Per hour	25
16	Post Bed Single Needle Machine	PFAFF -1293	Per hour	25
17	Post Bed Single Needle Machine	DURKOPP ADLER - 888	Per hour	50
18	Post Bed Single Needle Machine	DURKOPP ADLER-888 (Classic)	Per hour	50
19	Post Bed Double Needle Machine	DURKOPP ADLER-4280-611	Per hour	50
20	Post Bed Double Needle Machine	DURKOPP ADLER-2260 -211	Per hour	50
21	Cylinder Bed I Needle Machine	PFAFF - 335-H3	Per hour	20
22	Zig Zag Machine with cording	DURKOPP ADLER-527	Per hour	50
23	Skiving Machine	Torielli 11/72.3	Per hour	25
24	Strobel Machine	L-141	Per hour	50
25	Pneumatic Eyeletting Machine	Torrielli - 11/72.3	Per hour	30
26	Seam Rubbing & Tape Attaching Mc	Torielli 17 AS 93	Per hour	30
27	Crimping Machine (Type Hydraulic)	Seazen SZ-571	Per hour	80
28	Fusing & Lamination Machine	Torielli 06/PR 86	Per hour	25
29	Toe Puff attaching Machine	Torielli, Italy	Per hour	25

### SOLE / INSOLE MAKING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
30	Insole Moulding Machine	Torielli 4078/PB	Per hour	50
31	Insole Bevelling Machine	DASUNG	Per hour	40
32	Insole Rivetting Mc	BRUGGI -BRU-112	Per hour	30
33	Sole Buffing Machine		Per hour	35
34	Skiving Machine	Lee Foot	Per hour	30
35	Skiving Machine (Heavy Duty)	Torielli	Per hour	40





# Tariff for other Common Facility Services



## FULL SHOE LASTING / BOTTOMING SECTION

S.No.	Job Description	Description	UOM	Cost in INR
37	Pre Forming (Moccassin) Mc (4 Pairs)	Torielli 1461 Per Hour	Per hour	75
38	Toe Moulding Mc ( 2 Hot & 2 Cold)	SEAZEN SZ -625	Per hour	80
39	Counter Moulding M/c (2 Hot & 2 Cold)	SABAL PR	Per hour	60
40	Toe Lasting Machine ( Hydraulic Type)	MOLINA -BIANCI Mobi 1	Per hour	200
41	Side & Seat Lasting by Thermoplastic	CERIM 58 E	Per hour	250
42	Heel Seat Crowning Machine	Alen 211	Per hour	50
43	Pounding & Ironing Machine	Torielli - 17/ACG	Per hour	60
44	Heat Setting Plant ( 4 Track)	Indigenous PRE	Per hour	120
45	Roughing & Scouring M/c	Torielli - CF78	Per hour	50
46	Sole Attaching Machine (Pneumatic)	Elettro Technica BC	Per hour	50
47	Sole Attaching Pneumatic (Hydraulic)	Sigma 756	Per hour	75
48	Topline (Collar) Forming Machine	Alen - 102 SR	Per hour	100
49	Brushing & Polishing Machine	Indigenous (TSE)	Per hour	50
50	SideWall/sole stiching Machine	MECVAL CS 82 N	Per hour	175
51	Heel Nailing Pneumatic Machine	TORIELLI 192/SDV Lue Model	Per hour	50

## SPECIAL PURPOSE MACHINES

S.No.	Job Description	Description	UOM	Cost in INR
52	Die-less cutting Machine	ZUND Model 2400	Per hour	400
53	Laser Machine	Mehta & Co	Per hour	300
54	Automatic Pattern Sewing Machine	Brother	Per hour	200
55	Customised Foot Bed Scanning Machine		Per Pair	1500
56	PU - Pouring Machine (4.08)	PUMA James 3 (12 station - Banana Type)	Samples > 50 Pairs	Rs 50
			Samples 50 - 100 Pairs	Rs 30
			Samples more than 100 Pairs	Rs 20

## GENERAL PURPOSE MACHINES

S.No.	Job Description	Description	UOM	Cost in INR
57	Generator	Kilroskar 36 L8-4	Per hour	1000

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)

Also Follow us on: Facebook - [cftichennaiinfo](https://www.facebook.com/cftichennaiinfo) Twitter - [CFTI\\_chennai](https://twitter.com/CFTI_chennai)



Footwear Industries may indicate their requirement of Trained Manpower



1. Name of the Company :
2. Address :
3. Manufacturer of : Leather Footwear / Goods / Garments
4. Interested in the trainee (fresh worker) :

S. No.	Job Role	Requirement in No..	Present Salary Pay (Min.-Max.) in Rs.	Expected Salary Pay after CFTI Training (Min.-Max.) in Rs.
(i)	Stitching operator (Footwear) - Code LSS/Q2501			
(ii)	Stitcher (Goods & Garments) - Code LSS/Q5501			
(iii)	Cutter (Footwear) - Code LSS/Q2301			
(iv)	Cutter (Goods & Garments) - Code LSS/Q5301			
(v)	Pre-assembly operator (Footwear) - Code LSS/Q2601			
(vi)	Skiving operator (Footwear) - Code LSS/Q2401			
(vii)	Lasting Operator - Code LSS/Q2701			
(viii)	Helper upper making (Footwear) - Code LSS/Q3301			
(ix)	Helper finishing (Footwear) - Code LSS/Q3002			
(x)	Helper Finishing Operations (Leather Goods & Garments) - Code LSS/Q5601			
	Total			

5. Requirement valid date : From \_\_\_\_\_ To \_\_\_\_\_
6. Name of the Company Authority & Designation : \_\_\_\_\_
7. Contact Number & Email : \_\_\_\_\_
8. Signature : \_\_\_\_\_
9. Company Seal :







# CENTRAL FOOTWEAR TRAINING INSTITUTE, CHENNAI

(MSME - TECHNOLOGY DEVELOPMENT CENTRE)

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

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

Phone 044-2250 1529 : 044-2250 1038 & 044-2250 0876

E-Mail: admission@cftichennai.in, Website: www.cftichennai.in



## APPLICATION FORM

FORM NO.: .....

NOTE: Tick ( ☐ ) the appropriate course applied for.

- ☐ 2 YEARS DIPLOMA IN FOOTWEAR MANUFACTURE AND DESIGN
- ☐ 1.5 YEARS PG HIGHER DIPLOMA IN FOOTWEAR TECHNOLOGY AND MANAGEMENT STUDIES
- ☐ 1.5 YEARS POST GRADUATE DIPLOMA IN FOOTWEAR TECHNOLOGY
- ☐ 1 YEAR POST DIPLOMA IN FOOTWEAR TECHNOLOGY
- ☐ 1 YEAR CERTIFICATE COURSE IN FOOTWEAR MANUFACTURING TECHNOLOGY
- ☐ 1 YEAR CERTIFICATE COURSE IN FOOTWEAR DESIGN & PRODUCT DEVELOPMENT
- ☐ 6 MONTHS CRASH COURSE IN FOOTWEAR DESIGN & PRODUCTION
- ☐ 3 MONTHS CERTIFICATE IN SHOE CAD

AFFIX A LATEST  
PASSPORT SIZE  
PHOTOGRAPH

(TO BE FILLED BY THE APPLICATION IN CAPITAL LETTERS ONLY)

1. NAME OF THE APPLICANT :
2. FATHER'S NAME :
3. MOTHER'S NAME :
4. DATE OF BIRTH :      DATE      MONTH      YEAR  
(As in 10<sup>th</sup> Mark sheet)
5. PERMANENT ADDRESS :
6. POSTAL ADDRESSES :   
(Do not repeat Name & Fathers Name)
7. PINCODE :
8. E-MAIL :       PHONE NO:
9. PARENTS PHONE NO :
10. EDUCATIONAL QUALIFICATION :
11. AADHAR NUMBER :
12. TECHNICAL QUALIFICATION :

13. CATEGORY : ☐ GENERAL ☐ SC ☐ ST ☐ OBC ☐ MBC ☐ OTHERS

(Please Tick the appropriate option)

14. WHETHER SPONSORED BY ANY FOOTWEAR / LEATHER INDUSTRY: ☐ YES ☐ NO

(If yes please attach Sponsorship Letter)

15. WHETHER HOSTEL ACCOMONDATION IS REQUIRED: ☐ YES ☐ NO

16. WHETHER APPLICANT IS PHYSICALLY CHALLENGED: ☐ YES ☐ NO

17. WHETHER BENEFITTED BY ANY OTHER FREE COURSES ☐ YES ☐ NO

IF YES, MENTION NAME OF THE INSTITUTE : \_\_\_\_\_

COURSE NAME : \_\_\_\_\_

DURATION OF THE COURSE : \_\_\_\_\_

#### DECLARATION

We the Guardian/Parents understand that the course fee and hostel fee will be paid in the starting of the course and fee once paid will not be refunded under any circumstance. We understand that the decision of the DIRECTOR, CFTI CHENNAI will be final in the admission of the ward. The same will be binding upon us. Also we have read the rules and regulations of the institute available in the prospectus and we promise to abide by the same. It is also understood that the candidate will have to attend minimum 90% classes to appear in the final examination and awarding Certificate failing which he may be expelled from the course.

(Signature of Guardian/Parents)

(Signature of the Applicant)

I hereby declare that the information furnished above is true and complete to the best of my knowledge & belief. Knowing the fact, in case any information is found to be incorrect or false, my candidature can be cancelled/disqualified by CFTI, CHENNAI.

Date:

Place:

(Signature of the Applicant)

#### CHECK LIST FOR ENCLOSURES

- ☐ Photocopy of Educational/Technical Qualification, duly self-attested.
- ☐ Photocopy of Date of Birth Certificate, duly self-attested.
- ☐ Photocopy of Certificate in case of SC/ST/PH duly self-attested.
- ☐ Letter of Sponsorship in Case of Industry Sponsored Candidate.

All fees to be paid as Demand Draft drawn in favour of "Director, CFTI, Chennai ". Online payment of fees should be made only after confirmation of admission.

**Note: The Application form along with the above mentioned copies shall be sent to;  
THE DIRECTOR, Central Footwear Training Institute, 65/1, G.S.T. Road, Guindy, Chennai – 600 032.**

I am applying for the above course based on the following reference (please tick ( ☐ ))

- ☐ Advertisement in Newspaper ☐ from Website
- ☐ Referred by friend (Name, batch number & Phone No. \_\_\_\_\_)
- ☐ Contacted office directly (Name and Phone No. of person you contacted. \_\_\_\_\_)





# 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

### MSME - TECHNOLOGY DEVELOPMENT CENTRE

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

Placement  
assisted

An ISO 9001:2005 Certified Institute  
65/1, GST Road, Guindy, Chennai - 600 032.  
Phone: 044-22501529, Fax: 044-22500876  
Website: www.cftichennai.in, Email: cfti@cftichennai.in

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Hostel facility  
Available for  
Boys

### ADMISSION NOTICE FOR 2019-20

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

S. No.	Name of the Course	NSQF Code	NSQF Level	Duration	Eligibility	Age	Course Fee (in Rs.)	Course Commencement date
1.	Diploma in Footwear Manufacture & Design (DFMD)	MSME / DFMD / 60	6	2 years	12th Pass	17 to 25	1,56,000	September
2.	Post-Graduate Higher Diploma in Footwear Technology & Management Studies (PGHD)	MSME / PGHD / 59	8	18 months	Any Graduate (Eng/Sci/MBA Preferred)	35 max	4,60,000	October
3.	Post Graduate Diploma in Footwear Technology (PGDFT)	MSME / PGDFT 19	7	18 months	Any Graduate	35 max	1,45,000	October
4.	Post Diploma in Footwear Technology (PDFT)	MSME / PDFT / 12	6	1 year	Any Diploma	35 max	1,20,000	October
5.	Advanced Certification in "Footwear Design & Product Development (FDPD)	MSME / FDPD / 65	5	1 year	12th pass	35 max	1,22,000	October
6.	Advanced Certificate Course in Footwear Manufacturing Technology (FMT)	MSME / FMT / 01	5	1 year	10th pass	35 max	72,000	July
7.	Condensed Course in "Footwear Design & Production" (CFDP)	MSME / CFDP / 71	4	6 months	10th pass	35 max	40,000	September

*Course fees, 100% free for SC / ST candidates*

- **Course No. 1 & 2** are affiliated with Leicester College, London, UK and certificate issued by them.
- **Course No. 2** consist of 6 weeks study at London, U.K. and the fees consist of travel & stay at U.K.
- **Course No. 3 to 7:** The certificate will be issued by Govt. of India.
- **Course No. 1 to 6:** Caution Deposit Rs. 5,000.
- **Course No. 7:** Caution Deposit Rs. 3,000 (Caution Deposit is refundable to all).

**For further details**  
**Contact: 9677943633 / 9677943733**

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