



Ministry of Micro, Small and Medium Enterprises,
Government of India



Footwear Chronicle

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***Certificate Distribution Ceremony held at Pochampalli, Krishnagiri District
Dr. Nilofer Kafeel, Hon'ble Minister for Labour and Employment and
Shri. P. Balakrishna Reddy, Hon'ble Minister for Youth Welfare & Sports Development,
Govt. of Tamilnadu were the Chief Guests***





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Dr. Arun Kumar Panda, Secretary, M/o of MSME , visited CFTI, Chennai





From the Director's Heart



Shri. K. Murali

Greetings from CFTI, Chennai.

It is my honour and privilege to speak to you through this column yet again.

The significant achievements of this Institute during April-June, 2018 have been narrated at page 4 of this magazine.

I am happy to inform that many footwear manufacturing Industries come knocking the doors of CFTI, Chennai for conducting campus interview and for giving placement to the long-term and short-term students. During the period April-June, 2018, M/s VKC Group, Kerala, M/s Fairway Enterprises, Olaipatti, Krishnagiri District (Cheyyar SEZ Developers), M/s India Shoes, M/s Lotus Footwear and M/s P.A. Footwear Pvt. Ltd conducted interview in the CFTI campus and have selected the suitable candidates.

Giving due care for the Diabetes, CFTI, Chennai in association with M.V. Diabetes Hospital have released the second edition of New trendy designer footwear for Diabetes. A joint press conference by both CFTI, Chennai and M.V.Diabetes was held which was covered by most of the leading newspapers in Tamil nadu. Also I am delighted to share another good news that students of CFTI, Chennai have bagged most of the awards in the design competition conducted by M.V.Diabetes hospital.

CFTI, Chennai have added one more feather in it's cap. The certificate Distribution Ceremony was conducted in a very grand manner in Pochampalli for the students trained under TNSDC sponsored programme. Dr.NiloferKafeel, Hon'ble Minister for Labour& Employment and ShriP.Balakrishna Reddy, Hon'ble Minister for youth Welfare & Sports Development, Govt. of Tamilnaduwere the Chief Guests. Shri Ashok Kumar, Hon'ble Member of Parliament, Krishnagiri Constituency, Smt.MaragathamNagarajan, MLA Uthangarai Constituency and ShriC.V.Rajendran, MLA, Bargur Constituency were other guests of honour.

I am also very happy to inform you that Dr. Arun Kumar Panda, Secretary, M/o of MSME, visited CFTI, Chennai and expressed his happiness over the activities of the Institute.

CFTI, Chennai is able to achieve its heights due to your constant support and cooperation. My sincere thanks for one and all.



SIGNIFICANT ACHIEVEMENTS OF CFTI, CHENNAI during APRIL - JUNE 2018



Achievements in the field of Training

1. Panel of Jury members from Industry and CLRI selected the best design product models designed by students in a competition organised by M/s M.V Diabetes Hospital, Chennai at Mini conference room in CFTI, Chennai to promote the Designing & creativity skills of Students.
2. Trainers of CFTI, Chennai given intensive training to the fresh candidates of 500 nos after mobilisation and geared them in the line of production for ensuring job in the Industries, sponsored by TNSDM, Govt of Tamilnadu.
3. Assessment conducted by CSIR-CLRI for 600 SC ST candidates trained in NSQF jobroles in Northern states of Haryana, Punjab, Maharashtra and Uttarpradesh conducted by CFTI, Chennai
4. CFTI, Chennai Setting up a new milestone in training people at their nearby residing place to impart training in jobroles in leather footwear sector in states of North India.
5. For the first time ever, Workshop on “Design Methodologies & Designing your career” conducted by SWATIMODA in the CFTI Chennai Campus. One of the Leading Designer in India Ms.Swati Mehrothra sharpening the students by her lecture and guidance for their final year project and grooming for the best to suit the Industry.
6. Campus Interview conducted at CFTI, Chennai by Leading Footwear Manufacturing Industries M/s VKC Group, Kerala & M/s India Shoes Pvt Ltd for the final year students of various courses were interviewed.
7. Long Term course Admission promo video launched by Central Footwear Training Institute (CFTI), Chennai.
8. Certificate distribution function organised at Fairway enterprises to the CSIR -CLRI sponsored candidates trained by CFTI, Chennai placed at Fairway enterprises (manufacturer of NIKE Shoes)
9. Team CFTI Chennai participated in State Skill summit 2018 organised by TNSDC, Govt of Tamil Nadu.
10. Campus Interview conducted by Ms. Lotus Footwear & Ms.PA Footwear Pvt Ltd, Chennai to the regular long term students of CFTI Chennai from various courses.
11. CFTI Chennai organised Certificate Distribution Ceremony in a grand manner for the successfully training completed candidates of TNSDC & CSIR – CLRI at Pochampalli on 22nd June 2018. Hon'ble State Minister for Labour – TN, Hon'ble State Minister for Youth welfare and Sports development – TN, Krishnagiri MP, 2 MLAs, MD – TNSDC, Director CFTI Chennai and other dignitaries attended the function and issued the certificates to the eligible candidates.
12. Moderation conducted for 20th FMT & 18th PDFT long term course students of CFTI, Chennai

Achievements in the field of Consultancy & Common Facility Services

1. CFTI, Chennai coordinated with CSIR – CLRI to find out the possibilities of waterless chrome tanning technology adoption by Industries. Mr.Santhosh Das from O/o DC(MSME) has visited to see the tanneries adopted waterless chrome tanning technology for feedback and results.
2. Officers and staffs of CFTI, Chennai honoured by MV Diabetes Research Centre for the Designing services to Diabetes footwear rendered by the Institute.
3. Project consultancy services rendered by CFTI, Chennai to Dr.MGR University Biotechnology Students on “Bio-Degradable Insoles”.

Achievements of Special Mention

1. New Diabetes Footwear Product Launched by CFTI, Chennai and MV Diabetes Hospital and distributed the awards and shields to the top winners to the students. A Joint Press Meet organised by CFTI, Chennai and MV Diabetes Hospital in the 2nd edition of New trendy designer footwear for Diabetes
2. CFTI Chennai celebrated 'International Yoga Day' on 21st June 2018
3. CFTI Chennai Officers, staffs & students were actively participated in Swachhta Pakhwada activities
4. Director CFTI, Chennai attended the Conference and Udyam Samwad Workshop conducted by Ministry of MSME. Honourable Minister Shri.Giriraj Singh, Secretary, Additional Secretary of the Ministry in the special occasion.
5. Attended Interdepartmental meeting of MSME Development Institute, Testing Centre, CFTI Chennai, NSIC, KVIC and Coir Board at Conference hall of MSME DI along with NSIC AGM, AIA's and other officials.
6. NSQF compliance Consultative meeting organised at CFTI, Chennai by Leather Sector Skill Council and discussed about aligning and mapping of QPs for uniformity.
7. SWARA 2K18 Annual sports and Cultural meet of CFTI, Chennai organised by students, staffs and officers of the Institute and Certificate being Distributed by Director CFTI, Chennai to the winners and runners to bring a harmony among the students.
8. Leather Sector Skill Council conducts QP-NOS / Curriculum Review Meeting cum Workshop at CFTI, Chennai; Dr.Swarna CLRI, Director CFTI, Chennai, Director CFTI, Agra and the other NSQF review committee attended the meeting.
9. Director CFTI Chennai attended the National MSME Conclave UDYAM SANGAM 2018 at New Delhi.

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 of the sponsor TNSDC has given additional order of 2500 nos. for the year 2017-18.

Pradhan Mantri Kaushal Vikas Yojna (PMKVY), Ministry of MSDE, Govt. of India

CFTI, Chennai conducts training on Central Government sponsored scheme called 'Pradhan Mantri Kaushal Vikas Yojna (PMKVY)' (Phase II of the STAR Scheme) by the New Ministry of Skill Development & Entrepreneurship (MSDE) which aims to skill unemployed youth on the approved job roles National Occupational Standards of NSDC. Under Phase-I CFTI has completed training for 5,166 candidates successfully. CFTI Chennai has been accredited as Training Centre for Phase-II but allocation is still awaited from NSDC.

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 and it is being executed.

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.

Shoe Upper training through Tamilnadu Slum Clearance Board (TNSCB), Govt. of Tamilnadu

CFTI, Chennai has successfully completed shoe upper training for 100 candidates of unemployed youth residing at Slum / Slum clearance board tenements sponsored by TNSCB.

TNSCB has given additional order of 100 nos. the training for which is in progress.

CFTI has spread its wings

CFTI completed Skill Training under SHG programme for 795 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 sincerely.



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FOOTWEAR EVENTS (JULY 2018 - AUGUST 2018)



Jul 10-Jul 10, 2018 | London, United Kingdom
Lineapelle London

Jul 11-Jul 13, 2018 | Ho Chi Minh City, Vietnam
IFLE

Jul 14-Jul 16, 2018 | Melbourne, Australia
Melbourne Shoe Fair Exhibition

Jul 17-Jul 19, 2018 | Bogotá, Colombia
IFLS

Jul 17-Jul 18, 2018 | New York, United States
Lineapelle New York

Jul 21-Jul 23, 2018 | Sydney, Australia
Sydney Shoe Fair Exhibition

**Jul 23-Jul 24, 2018 | Washington DC,
United States**
Footwear Innovation Summit

Jul 26-Jul 28, 2018 | Dhaka, Bangladesh
Bangladesh Leather and Footwear Expo

Aug 2-Aug 4, 2018 | New Delhi, India
IIFF - India International Footwear Fair

Aug 4-Aug 8, 2018 | Melbourne, Australia
Australian Shoe Fair - Melbourne

**Aug 5-Aug 7, 2018 | Birmingham,
United Kingdom**
Moda Footwear UK

Aug 15-Aug 17, 2018 | Stockholm, Sweden
Nordic Shoe & Bag Fair

Aug 19-Aug 21, 2018 | Toronto, Canada
Toronto Shoe Show

Aug 24-Aug 26, 2018 | Wenzhou, China
All China Shoe-Tech

Aug 29-Aug 31, 2018 | Shanghai, China
All China Leather Exhibition

Sep 12-Sep 15, 2018 | Dhaka, Bangladesh
Dhaka International Yarn & Fabric Show

Sep 16-Sep 19, 2018 | Milan, Italy
theMICAM

Sep 21-Sep 24, 2018 | Milan, Italy
White Milano

Sep 21-Sep 24, 2018 | Athens, Greece
Hellenic Shoe Fair

Sep 23-Sep 25, 2018 | Paris, France
Crecendo Expo

Sep 25-Sep 27, 2018 | Milan, Italy
Lineapelle

Sep 27-Sep 29, 2018 | Shanghai, China
China International Fashion Fair

फरि से ट्रेंड में आया लैडर फैब्रिक, मोटे लोगों के लिए है बेस्ट

लेडर पैट जैसे आउटफिट्स अब महज़ बाइकर्स और रॉकस्टार्स के वॉर्डरोब तक सीमति नहीं रहे। आम स्त्रियों के बीच तेजी भी इनकी लोकप्रियता बढ़ी है। रंगों में काला रंग सदाबहार है, उसी तरह अगर मटीरियल्स की बात की जाए, तो लेडर कभी भी चलन से बाहर नहीं होता। इससे बने परधिन आपको क्लासी लुक देते हैं। इन परधिनों से मल्लिने वाला एलीगेंट लुक आप फैब्रिक से बने परधिनों से नहीं पा सकते हैं। आइए आपको बताते हैं जैसे पहनें लैडर के कपड़े।

फजिकि के अनुरूप करें चयन

लेडर के परधिनों का चयन अगर सतर्कता के साथ किया जाए तो ये हर कसि पर अच्छे लगते हैं। एपल शेपड फजिकि वाली स्त्रियों को प्लेन लेडर से बनी पैट्स या जैकेट्स पहननी चाहिए। अगर आप लेडर से बने अपर वेयर्स पहन रही हैं तो यह ध्यान रहे कि बिस्ट एरिया पर कोई डिटेलिंग न हो। ऐसी स्त्रियों पर थाइ और काफ एरिया तक की लंबाई वाली जैकेट्स और ड्रेसेज अच्छी लगेंगी। लेडर आउटफिट्स के साथ स्टेटमेंट बेल्ट पहनना भी ठीक रहेगा।

Apart from Footwear, Training on other related matters are arranged engaging experts in the relevant field for the benefit of Footwear Industry and for the public as well

Specialized training program conducted from April 2018 to June 2018

1. Solar Power Installation
2. Export Import Procedures and documentation
3. HR-Statutory Compliances
4. Digital marketing
5. CCTV Installation
6. Auto Electrical (Car) Service Training Level -1

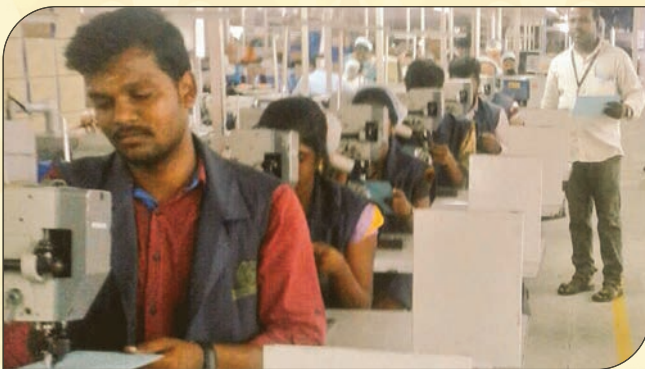
Industries Benefitted by the above Training Programmes

S.No	Number of Unit benefited	S.No	Number of Unit benefited
1	Intcos Solutions Pvt Ltd, Chennai	20	SK.Marine Technologies India Pvt Ltd,Chennai
2	Sastha Powers ,Chennai	21	Meenakshi Imports/ Exports,Chennai
3	Flexq Engineering , Chennai	22	Natural Farming, Chennai
4	Sorya oli Solar Products Pvt Ltd, Pondicherry	23	JCR Enterprises, Chennai
5	JLR Enterprises , chennai	24	Yuvraj Biobiz Incubator India Pvt Ltd, Chennai
6	San Electricals ,Chennai	25	Secova E-Services, Chennai
7	LED Geo Lights Pvt Ltd,Pondicherry	26	Step-In Consultancy Service,Chennai
8	Pure Industries Gases Pvt Ltd, Chennai	27	Photon Interactive Pvt Ltd,Chennai
9	Vel Oli Mills , Chennai	28	TTK Healthcare Ltd,Chennai
10	Retteri Srikumaran Health Centre Pvt Ltd, Chennai	29	Power IT services Pvt Ltd,Chennai
11	Karthick Pest Control, Chennai	30	Farida Shoes,Chennai
12	LIC of India, Chennai	31	Andritz Separation and Pump Tech India Pvt Ltd,Chennai
13	HDB Financial Services, Chennai	32	Flyjac Logistic Pvt Ltd,Chennai
14	Hansroever,Trichy	33	Inspace Technologies Pvt Ltd,Chennai
15	Precise Lapping Solutions ,Chennai	34	ETDC,meity,Chennai
16	Vaibhav Agency,Chennai	35	Sivasakthi Gas Services, Chennai
17	Govindappa Agencies,Chennai	36	CTS Pvt Ltd,Chennai
18	Sri Sai Speed Service,Chennai		
19	V.G.P. Housing Pvt Ltd,Chennai		



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PRIMARY SKILL TRAINING BY CFTI, CHENNAI AT VARIOUS FOOTWEAR MANUFACTURING INDUSTRIES





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PRIMARY SKILL TRAINING BY CFTI, CHENNAI AT VARIOUS CENTRES ACROSS TAMILNADU





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Surprise visit of Mr. Joseph Prabhakar, Chief Co-ordinator to the various training centres at Krishnigiri District Mr. Sadasivam, Co-ordinator & Mr. V.P. Singh, Asst. Manager from PPDC Meerut are also seen



“CFTI, Chennai Spreads its Wings”

Skill Training imparted at northern states (UP, Haryana & Punjab) under SHG Scheme





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Assessment being done by CSIR-CLRI officials for the Skill Training Programs for SC/ST candidates, conducted by CFTI, Chennai at various centres under SHG Schemes



Assessment of Candidates by Officials nominated by TNSDC





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Assessment being done by CSIR-CLRI officials for training conducted at northern states (UP, Haryana & Punjab) under SHG Scheme



Distribution of "Course Completion Certificate" after successful completion of training





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Workshop on “Design Methodologies & Designing your career” conducted by SWATIMODA at CFTI, Chennai campus



INFLUENCE OF WATERPROOF PROCESSING ON HYGIENIC PROPERTIES OF FELT FOOTWEAR

ABSTRACT:

The Article Covers An Actual Problem Of Felt Waterproof Properties Improving Of Shoe Upper Components. Superficial Updating By Hydrophobizator Will Increase Water Resistance Of Felt Footwear. In This Article Experimental Investigation Result Of Hydroscoicity, Water Vapour Permeability Change Before And After Modification Are Presented.

INTRODUCTION

In The World Market Of Nonwoven Materials The Most Several Of Felt On Structure, Colour, Using Are Presented. Felt Footwear Is One Of The Competitive Products Of Winter Collections, So Its Combined Ecological Safety And Reasonable Price. Also Felt Footwear Is Staying The Main Winter Special Footwear For Gas Workers, Oil Industry Workers And Railroad Ones .Good Qualities Of Felt Footwear Are The Small Weight, High Thermal Insulation And Hygienic Properties. At The Same Time Such Footwear Hasnt Form Stability, Its Hydrophilic Material, So These Limit Its Using As A Material For Details Of The Top Of Shoes. Wetting Of Felt Leads To Its Swelling, So The Structure Changes, Relations Between The Fibers Are Weakening. In The End Plasticity And Elasticity Increase, The Efforts For Necessary For Deformation Of Stretching, Compression And Bend Decrease, The Relaxation Of Tension Is Accelerated And In Most Cases Durability Of The Material Reductions. Superficial Modification Is A Common Method Of Increasing Waterproof Properties Of

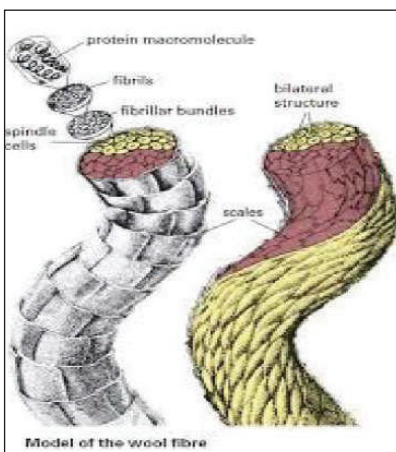
Light Industry Goods. Its Very Important When Waterproofing Is Increased It Isnt Reduced Hygienic Properties.

RESEARCH WATERPROOF PROCESSING

The Research Work On The Study And Improvement Of Physical And Mechanical Felt Properties For Shoes At The Art Modeling, Design And Leather Technology Sub Department Of Moscow State University Of Design And Technology (Moscow, Russian Federation) Has Been Underway For About 10 Years. The First Research Results Have Shown The Reasonability Of Implementing A Special Felt Surface Treatment Of Shoe Uppers For Modifying Properties. The Article Presents Numerical Value Of Hydroscoicity And Water Vapour Permeability Before And After Modification With Several Water Repellents.

Hydrophobicity Was Measured On Changes Of Indicators Hydrophobicity Properties. Hydrophobicity Is Amount Of Moisture, Which Contains In The Tested Samples In The Conditions At The Humidity Of 98%, Expressed In Percentage Of An Absolute Dry Sample. Influence Of Water Repellent Processing Of Felts On Hygienic Properties Was Measured On Change Of Indicators Of Relative Water Vapour Permeability. The Relative Water Vapour Permeability Is The Relation Of Quantity Steam The Moisture, Which Was Evaporating From Open Water Surface And Being In The Same Conditions Of The Felt.

It Is Visible From Figures, That Water Vapour Permeability Of Initial Felt Is



Much Lower, Than The Modified Samples. Water Vapour Permeability Depends On Hydroscoicity Properties Of Fibers, Density Of The Material, A Type Of Industry Of Fibers, And The Nature Of Furnish.

CONCLUSION:

Thus, The Research Work And The Results, Having Been Presented Before Allow Deducing That Repellents Provide Complex Protection Of Felt Against Effect Of Moisture And They Dont Reduce Hygienic Properties.

REFERENCES

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- Quality Management ● Environmental Management
- Business Continuity Management and ZED
- Occupational health & safety management ● Information Service & Security Management ● Energy Management
- Food Safety Management ● IATF automotive
- Risk Assessment ● Anti Bribery ● Business process & re-engineering ● Balance score card ● Lean management
- Six Sigma ● 5S housekeeping

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ಕರ್ನಾಟಕ ಚರ್ಮ ತಾಂತ್ರಿಕ ಸಂಸ್ಥೆ

KARNATAKA INSTITUTE OF LEATHER TECHNOLOGY
(State Govt. Organization under I & C Dept and Directorate of Technical Education)
(Approved by AICTE)



KARNATAKA INSTITUTE OF LEATHER TECHNOLOGY (KILT) is a approved institute by All India Council for Technical Education (AICTE) and affiliated to Directorate of Technical Education (DTE) GOK. KILT, in the new Ullal Upanagar Bangalore campus, located on 10 acres of land, has all necessary infrastructure of international Standard. Course on leather & Fashion Design are tailored made to suit students and industries. KILT has well qualified, experienced and dedicated faculties along with the supporting staffs. The institutes equipped with modern laboratory, workshop, computer lab, library and separate hostel for Boys and Girls in the campus. Our Vision and Mission is to make the institute a unique in leather & fashion technology with more emphasis to creations in fashion designs. As we are promoting the skills and knowledge to students entering from different backgrounds predominantly from rural & semi-urban areas, quality education and skills are designed to every individual to become successful in their career. We also strengthen the student's practical learning experiences through workshops, seminars and E-learning's.

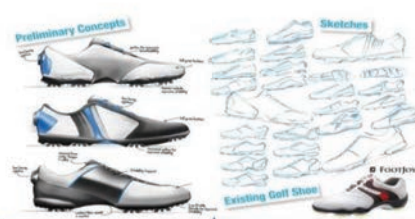
3 YEARS DIPLOMA COURSE IN LEATHER & FASHION TECHNOLOGY



BASIC SCIENCE(ALLIED AREA)



LEATHER PROCESSING TECHNOLOGY



FOOTWEAR TECHNOLOGY



LEATHER GOODS, GARMENTS & FASHION TECHNOLOGY



QUALITY CONTROL



MARKETING & MERCHANDISING

SHORT TERM SKILL COURSES

SNO	Name of the Course	Course Duration	Eligibility Qualification	Eligible Age
1	Diploma Skill (Vocational)	1 Year	10 th Appeared	18 to 35
2	Certificate in Shoe Computer Aided Design	3 Months	10 th	18 to 35
3	Designing and Pattern Cutting	3 Months	10 th	18 to 35
4	Shoe Upper Closing	3 Months	8 th	18 to 35
5	Lasting, Full Shoe Making & Finishing	3 Months	8 th	18 to 35
6	Leather Goods Making	3 Months	8 th	18 to 35
7	Leather Garments Making	3 Months	8 th	18 to 35

Address: Ullal Upanagar, Near B.M.T.C. Bus Stop Bangalore - 560110, **Website:** <http://kiltbangalore.ac.in>, **E-mail:** kiltbangalore133@gmail.com



Ministry of Micro, Small and Medium Enterprises,
Government of India

Director's Participation in QP-NOS / Curriculum Review Meeting cum Workshop conducted by Leather Sector Skill Council

Dr. Swarna, Principal Scientist & Head, CSIR-CLRI
and Shri. Santan Sahoo, Director of CFTI, Agra have also attended



Director's Speech at the Inter Departmental Meeting with NSIC, KVIC, Coir Board



Discussion with Delegates from Ethiopia accompanied by Dr. Madhan from CSIR-CLRI at CFTI Chennai. Mr. Peter Racklyft from Leicester College, UK is also seen



HUMAN RESOURCE DEVELOPMENT IN FOOTWEAR INDUSTRY: DEVELOPING A TRAINING STRATEGY FOR INCREASING EMPLOYABILITY

INTRODUCTION

Footwear is a growth industry and a major creator of value added, the industry is invincible to a variety of economic factors, which shape the nature of its labour force. The fact that it is difficult to maintain high permanent employment levels has led to a generic tendency to operate on the basis of a limited core staff and to employ the labour needed for day-to-day operations under typical market requirements.

Added to this are other constraints like long, anti-social working hours, low pay, low job status, etc, which collectively make employment within the industry appear unattractive to many. This article briefly outlines the human resources problems faced by the footwear industry in India and against this background that we propose a training strategy model for enhancing employability in India. There is a pressing need to develop a common minimum standard to upgrade skills to acceptable level and facilitate the industry in our country. Capacity building to increase awareness, value and skills for the creation, development and implementation of sustainable strategy assume a much greater importance today.

ENHANCING SKILLS TO INCREASE EMPLOYABILITY

The need for skills, knowledge and vision is being felt more and more today. With new productivity and quality services to the customers

emerging in footwear industry, the need for adequately skilled employees becomes even more critical. Thus, training and development plays an important role in developing professionalism in the business of footwear operations.

In fact, it is only exceptional learning and performance that will create a world that works better. Only those employees who keep themselves equipped with pertinent knowledge and competence in the workplace learning and performance field will excel. And, those who focus their efforts on developing human potential will survive in the long run. In other words, the need of the hour is employability skill-set.

An educated and trained workforce is essential if India wants to develop and maintain a viable economy. From an individual perspective, preparation is the key to employability. Sound decisions regarding initial education and training are important, but people actually need to continue learning throughout their lifetime. Education and training are very important for individual progress and for the future of society. One of the unwavering messages of the Bible is that Christians are to be diligent, skilled, and faithful in developing their talents. Education and training are two primary ways of acquiring talents and achieving excellence in our work and, thus, set good examples for others.

Even if formal education programmes are not obtainable,

expanding their knowledge regularly should be the goal for those who want to develop and use their talents in the workplace. Many career strategy experts agree that unless people continue to upgrade their skills, they are likely to find themselves left out in the workplace. The employability of the potential workforce remains a concern and there could be shortage in footwear sectors in future. This could erode India's competitiveness in the global market.

The Indian Government has advised these needs to take strong, positive action to focus on training, job creation and responsible development in collaboration with the private sector. Training programmes that are responsive to community needs and the needs of India's diverse workforce need to be designed and implemented diligently. For the first time job-seekers, or for those looking at the possibility of doing something different, all of these changes mean opportunity- the opportunity to acquire, update or transfer skills which can open the door to employment. To benefit from or respond to the changing job market, people have to be trained to ensure that their skills are in line with the opportunities of the job market, both now and in the future.

The concept of employability has of late gained ground in the corporate world in the wake of economic reforms, and the emerging tendency towards public-private partnership. Business enterprises have been trying to develop competitiveness in the globalized environment by focusing on labour

flexibility through multi-skilling, high performance work systems, increased productivity, adaptability and innovation of new products and services. Two interrelated key aspects determine employability in the long run -- training measures and competence development.

Competence and on-the-job skill development can be measured by a number of indicators. Key indicators, besides investment by companies in additional training, relate to the job content, and these are the ability to learn by being allocated to challenging work or being allocated to work that matches personal abilities. Training can be aimed at fulfilling short-term company needs or at general skills and competence development. In the perspective of future employability, the key challenge is how to equip people better for change both in current and future jobs.

Employability is a broad concept and means adaptable and updated competencies and labour market-oriented behaviour for every person in the workforce. Mostly, the employability policies combine training, further training, re-training, career advice, placement and incentives or subsidizing programmes. In general, employability entails key aspects of access to (permanent) employment, advancement within employment and sustainable employment.

For the vulnerable group of non-permanent workers, key factors for employability include the impact on career development, in terms of transition into a permanent

employment, occupational mobility and employment security. To open up opportunities for transition into permanent employment, targeted training and competence development are necessary.

TRAINING STRATEGY FOR FOOTWEAR INDUSTRY

Against this background, it is proposed to develop a training strategy for sustainable employability in footwear industry in India.

Vision

To ensure that every person already employed in the footwear sector, or seeking employment in footwear, has the opportunity to participate fully in training and development which enhance their life-skills and employability. The training strategy will be all-inclusive and foster equity, fairness and diversity in order to help people to take advantage of and benefit from economic and social development in the sector as it occurs.

PRINCIPLES OF THE FOOTWEAR TRAINING STRATEGY

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

To realize its vision for training in footwear making, the organizations need to initiate core strategies with the assistance of government policies, which include:

Having a training policy - To maintain industry training policy and standards framework, approve programmes and standards recommended by industry, register, track and certify trainees (through an industry training centre), and fund the industry training (based upon industry developed plans and priorities).

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 and engagement in training opportunities.

Adapting to the changing workplace

- Providing opportunities for people from avaried 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

Training and development, human performance improvement and, organizational development have earned a strategic seat at the mission-critical table of many businesses today. Companies are not providing training, particularly entry-level job training. They are expecting people to come to them with the skills they need (for entry-level jobs). As a result, there is the problem of skill gap problem, which the management has to grapple with. But footwear organizations need to solve their own skills gap problems. It behaves employers, in a tightly competitive environment, to reduce the training costs by making search and selection the mainstay of their human resource strategy. However,

companies often forget that they still need to train.

Management training is still required because people need to understand the company and the business it is in, and to develop people for holding future positions. Technical training is important because people need to keep up with the fast pace of technology. Skill training is also required because people have to keep up with changes in the process of work. Safety training is needed because it is regulated. Productivity and quality training is crucial because the payoff is very high and also because product knowledge is at the core of the business. There is a whole lot of company-specific knowledge that is difficult to buy.

The need of the hour is to impart a sustainable development competence to the future work-force in order to ensure preparedness for the future work-place. Training not only creates employment, but also boosts employability. It provides the technical, and work skills that are indispensable. It also offers people a longer-term perspective for themselves. The commitment to excellence and continual improvement in footwear industries should be a lesson to India. There are plenty of good quality footwear and allied training programmes being conducted, especially for those who seek to enter the industry.

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



Ministry of Micro, Small and Medium Enterprises,
Government of India

Joint Press Meet by M.V. Diabetes Hospital and CFTI, Chennai and Product Development of Designer Diabetic Footwear



Panel of Jury Members selecting the Award Winner for the “DESIGNER’S COMPETITION” organised by M.V. Hospital for Diabetes



M.V. Diabetes Hospital honouring Director and Staff of CFTI for the services rendered to them at their premises





Ministry of Micro, Small and Medium Enterprises,
Government of India

Visit of Mr. Santhosh Das from O/o. DC (MSME) alongwith Dr. Madhan of CSIR-CLRI to tanneries at Chennai to conduct a Strategy on “Adopted waterless chrome tanning technology”



CFTI's goal “PLACEMENT FOR ALL DESERVING STUDENTS” Campus Interview by various Footwear Manufacturing Industries

By VKC Group, Kerala



By M/s. India Shoes Pvt. Ltd.



By M/s. P.A. Footwear Pvt. Ltd.



By Fairway Enterprises (Cheyyar SEZ) Krishnagiri District





Ministry of Micro, Small and Medium Enterprises,
Government of India

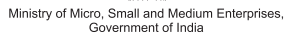
Certificate Distribution Ceremony held at Pochampalli for the Candidates trained by CFTI, Chennai under TNSDC sponsored Skill Training Programme.



**Dr. Nilofer Kafeel, Hon'ble Minister for Labour & Employment and
Sri. P. Balakrishna Reddy, Minister for Youth Affair & Sports Development,
Govt. of Tamilnadu were the Chief Guest. Shri. Ashok Kumar, MP, Krishnagiri
Constituency and Smt. Manoranjitham, MLA Uthangiri Constituency and
Shri. C.V. Rajendran, MLA, Bargur Constituency were the Guest of Honours.
MD, TNSDC was also present**



Certificates to 740 Candidates were distributed on the occasion



ICT - FOR TANNERY HOW TO ENSURE BUSINESS IMPACT

ICT and Tannery

IT - Information Technology to day is known as ICT - Information and Communication Technology, taking into consideration the technology available for data communication today. This is to facilitate the proper design of systems to ensure efficient data capturing, data integrity, and Data security embedded in Business modeling.

The ICT for a tannery is a strategy, which should contribute to business performance. It is not automation of transactions but enabling business transformation, to make the business more competitive and more sustainable.

For this the key requirement of the ICT and software tools which are part of ICT , to have business models and controls built in which contribute to QCD - that is Quality , COST , and Delivery of a tannery .

The critical business controls that will be required for tannery operations to be specified in the ICT are :

1. Material Yield - The grade mix of Raw Leather , Semi finished (WB/EI/TC) and Finished Leather (The Value addition or Loss for Each batch Mix)
2. Technical Yield - The loss and drop in various production stages
3. Chemical Yield - The cost of chemicals vis a vis Optimum

4. Inventory management - To improve the inventory turnover that is aligned with expected business margin
5. Labour Productivity - The value addition per employee
6. The profitability for each order
7. The cost of R&D and sampling
8. Control of environmental parameters

The key features of Tannery enterprise software built on the above concept in the following section.

Key Features of the Software

Lot Tracking: One of the salient features of the system to track inward lot from the supplier until the end of the conversion process. The tracking captures both cost and quality during the life cycle of the product.

Order Costing: A complete track of costing heads: input material cost, chemical consumption cost, machinery cost and labour cost. The system provides instant information on the profitability of each incoming lot by the supplier. (Refer costing Model)

Inventory and Stock-Keeping: Accurate stock tracking with value and provision to flexibly configure stock-keeping options and stores.

Leather Assortment: Perform leather assortment during inward receipt of a lot and after production receipt. The cost of supplier and production gets

apportioned based on different grades.

Automation of Procurement and Receipts: Synchronized workflow of purchase requisition, purchase orders, approvals and goods receipts. It details of vendor rating on quality and delivery timeline.

Tracking of Customer Order: An orchestrated way of planning, executing and closing customer orders with instant access to order current status and cost.

Customer Stock Tracking: Provision to receive and return customer Leather and Chemical with tracking and stock report.

Flow process and production: The system provides a configurable solution to define flow process sheet, helps to control and track manufacturing operations against

defined process sheet and continuously improve the process from deviations.

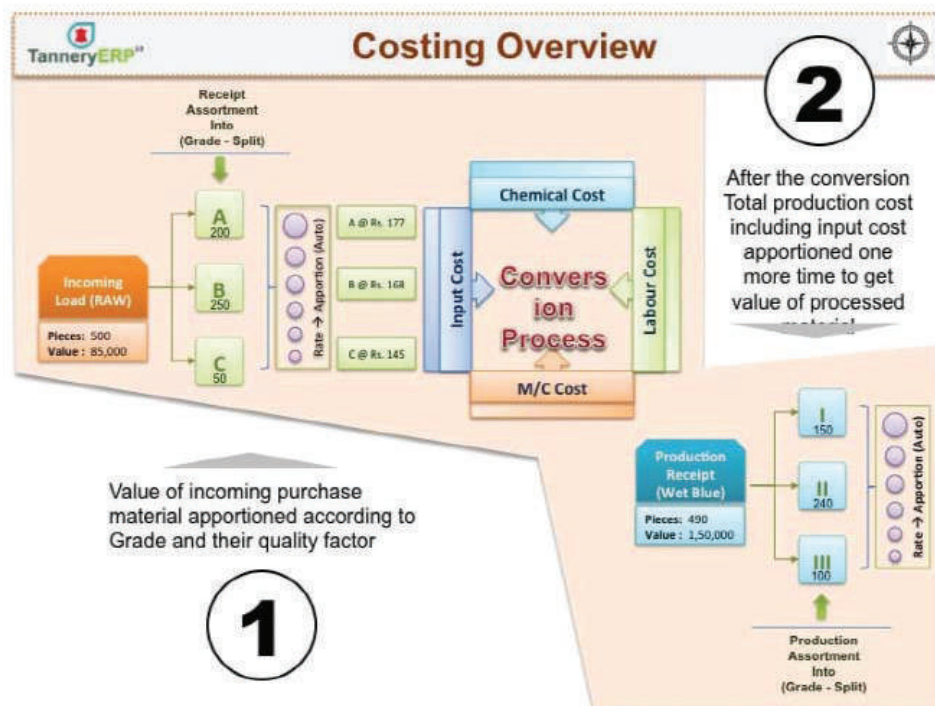
Packing and Invoicing: Flexible way to create packing list and generate invoice.

Maintenance: The maintenance sub-system provides equipment management, preventive maintenance, and breakdown maintenance. It can provide instant information on equipment performance, maintenance planning and execution efficiency and maintenance cost with spare consumption.

Research and Development: A flexible way to define master process sheet for Dye and Finish and track changes during actual, and option to substitute chemicals.

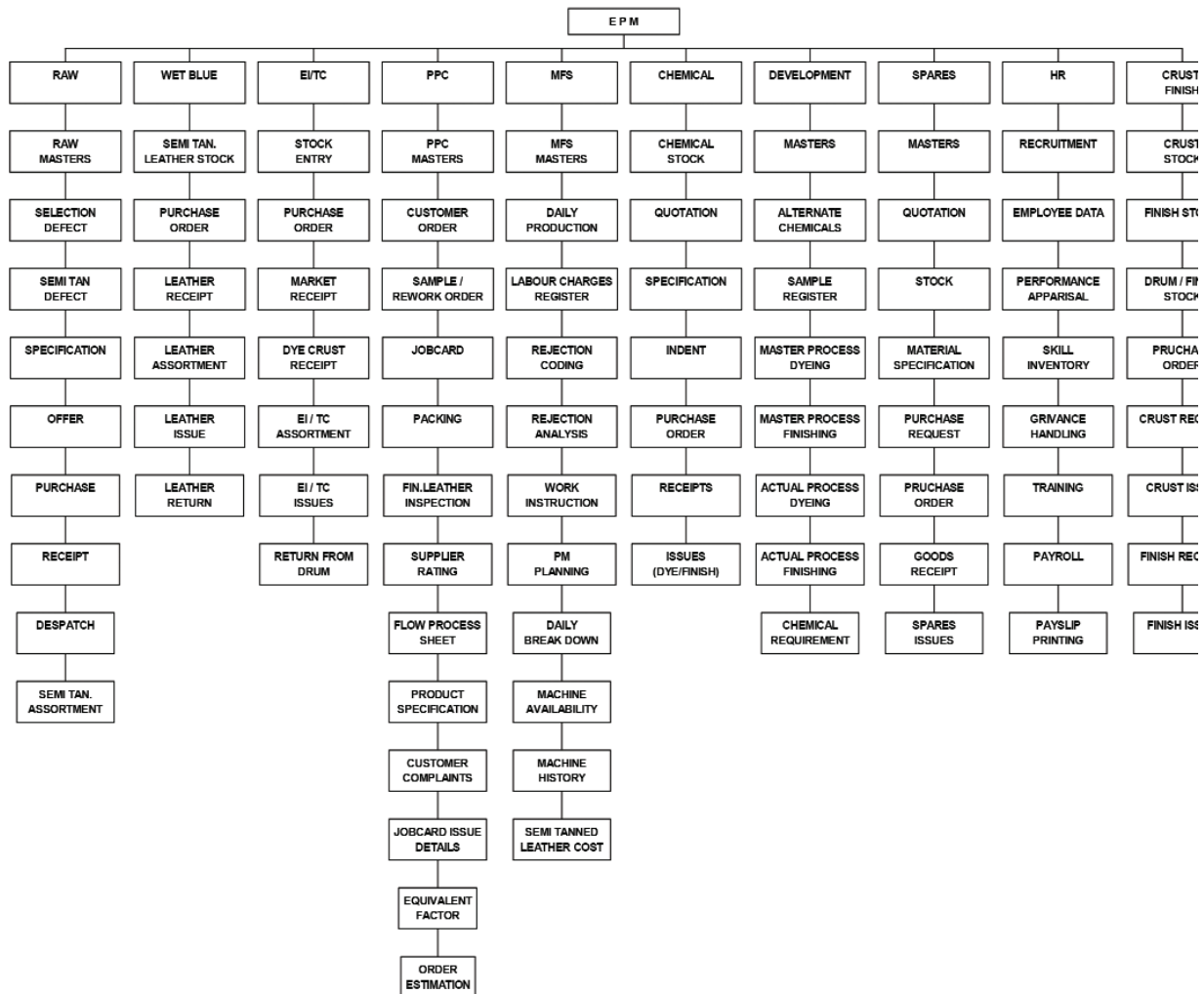
Plant Performance and Quality: The system allows tracking the productivity of each production cell within the plant

The Costing Model :



The Software Architecture

SOFTWARE STRUCTURE OF EPM - TANNERY



with daily tracking of input and output and quality.

Payment Tracking: The accounts module helps tracking both Account Receivable and Accounts payable with option to adjust against Advance payments.

Reporting: Along with various standard reports, the system provides option to create custom reports as per demand.

Summary :

The Software developed by Hoshin Solutions lends itself to effective performance management system based on TQM . This is available as on premises installation or a cloud based Remote Managed Service.

For further details:
adhisivan.ragunathan@hoshinsoft.com

By **M. Raja Chidambaram**
(URS Productively)
R. Adhisivan
(Hoshin Solutions)



Ministry of Micro, Small and Medium Enterprises,
Government of India

**Director Extending Invitation to Hon'ble Minister
for Labour & Employment, Govt. of Tamilnadu
and to Shri. Mangat Ram Sharma, Principal Secretary,
M/o. Labour, Govt. of Tamilnadu
for the Certificate Distribution Ceremony at Pochampalli.
G. Joseph Prabhakar, Chief Co-ordinator is also seen.**



PROGRAMME	
11.30 a.m.	TAMIZHITAI VAZHITHU
11.35 a.m.	LIGHTING OF KUTHUVILAKKU
11.40 a.m.	Welcome Address by Sri. K. MURALI, Director, CFTI, Chennai
11.45 a.m.	HONOURING OF GUESTS
11.55 a.m.	Key Note Address by Smt. B.JOTHI NIRMALASAMY, IAS
12.00 Noon	Address by Sri. P. BALAKRISHNA REDDY Hon'ble Minister for Youth Welfare & Sports Development, Government of Tamilnadu
12.05 p.m.	Address by Dr. NILOFER KAFEEL Hon'ble Minister for Labour, Government of Tamilnadu
12.10 p.m.	CERTIFICATE DISTRIBUTION
12.55 p.m.	VOTE OF THANKS
01.00 p.m.	NATIONAL ANTHEM
01.05 p.m.	LUNCH

“SWARA 2K18” - Annual Sports and Cultural Meet organised by CFTI Chennai





Ministry of Micro, Small and Medium Enterprises,
Government of India

Observance of "SWACHHTA PAKHWADA" at CFTI, Chennai from 16.06.2018 to 30.06.2018



Swachta Pledge



Painting Competition conducted for the students at National Mat. Hr. Sec. School, Guindy



Essay Competition for the students at National Mat. Hr. Sec. School, Guindy



Prize Distribution for the Winners of Essay & Painting Competition



Screening of Film on "Swachhta" as part of "SWACHHTA PAKHWADA"





Ministry of Micro, Small and Medium Enterprises,
Government of India

Observance “SWACHHTA PAKHWADA” at CFTI, Chennai from 16.06.2018 to 30.06.2018

**Staff & students participation Cleanliness Drive
& plantation of saplings at CFTI Campus**



Plantation of sapling and cleaning of premises by trainees of Outreach Training Programmes



International Yoga Day was observed as a part of “Swachhta Pakhwada”



Weeding out of Old Files as part of “Swachhta Pakhwada”



**“SWACHHTA HI SWASTHA”
CLEANLINESS IS HEALTHINESS**

By G. Joseph Prabhakar,
CFTI, Chennai

**Award winning slogans
for the occasion of
“SWACHHTA PAKHWADA”**

“AAPKI SWACHHTA APKA SANSKAR”

**YOUR CLEANLINESS IS YOUR
GOOD ETHIC**

By Pawan Kr. Singh
25th Batch DFMD training



Ministry of Micro, Small and Medium Enterprises,
Government of India

MODERATION FOR

18th BATCH PDFT



20th BATCH FMT





Ministry of Micro, Small and Medium Enterprises,
Government of India

Certificate Distribution Ceremony for the candidates trained by CFTI and placed at Fairway Enterprises Co., Ltd. (Cheyyar SEZ Developer) at Olaipatti, Bargur SIPCOT Industrial Estate, Krishnagiri in which Dr. Chandrasekar, Director, CSIR-CLRI was the Chief Guest



CFTI Chennai participated in State Skill Summit 2018 organised by TNSDC, Govt. of Tamilnadu



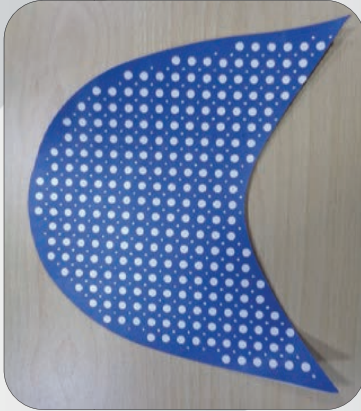
Project consultancy services rendered by CFTI, Chennai to Dr. MGR University Biotechnology Students on "Bio-Degradable Insoles"





Ministry of Micro, Small and Medium Enterprises,
Government of India

Creation / Innovations by CFTI, Chennai Interlace Design & Interlace Shoe Making





Ministry of Micro, Small and Medium Enterprises,
Government of India

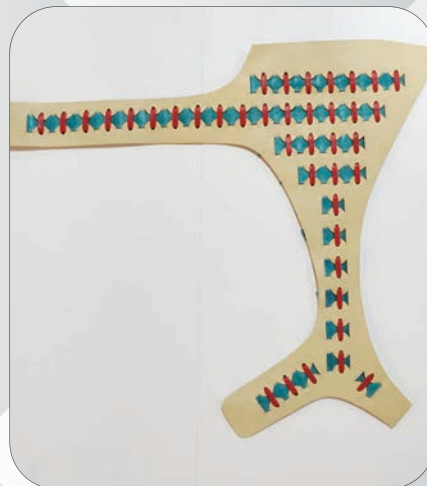
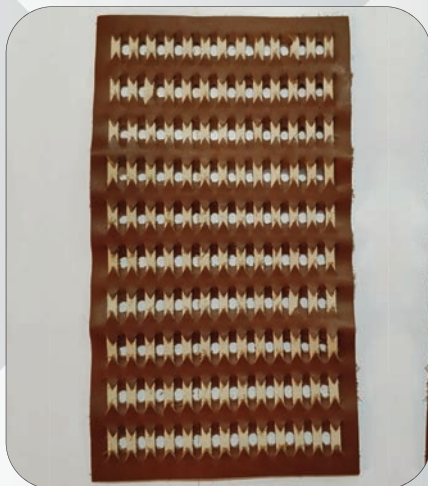
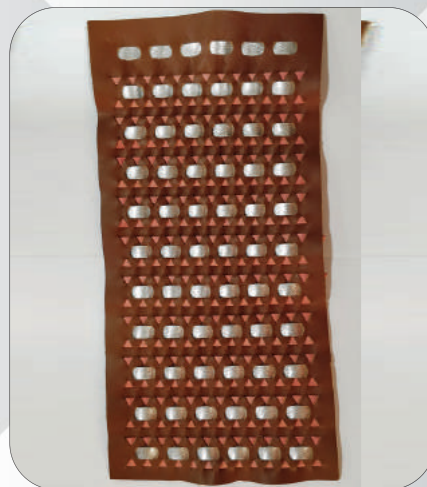
Creation / Innovations by CFTI, Chennai Interlace Design & Interlace Shoe Making



New Arrivals



By M. Mohamed Zubair
CFTI, Chennai



By Arokia Jaikumar
CFTI, Chennai

DEVELOPMENT OF HIGH SLIP-RESISTANT OUTSOLE

The present study examined whether a new footwear outsole with tread blocks and the hybrid rubber surface pattern increases slip-resistance and reduces the risk of fall during walking on a liquid-contaminated floor surface. Fourteen adult males participated in gait trials on a stainless steel floor contaminated with a glycerol solution. Subjects were asked to walk straight and turn 180° at the end of the floor to return to the starting position. The frequency of trials with a slip and those with a fall were examined, and the slip velocity and slip distance of the slipping foot were calculated using kinematic data collected from a three-dimensional motion capture system. For comparison, commercially available boots used in food factories and restaurants were also tested. The newly developed footwear reduced the frequency of slips ($p < 0.001$), slip distance ($p < 0.001$), and slip velocity ($p < 0.001$) compared to the conventional boots, resulting in a significantly reduced risk of fall. The results indicate that the rubber outsole with a hybrid rubber surface pattern is effective in preventing slip-related falls during walking on floors contaminated with water or oil.

Introduction:

A high static coefficient of friction (SCOF) and dynamic coefficient of friction (DCOF) are needed at the shoe-floor interface during walking to prevent slip initiation and to stop a slip,

if it occurs. indicated that SCOF and DCOF values > 0.4 are required at the shoe-floor interface to prevent a slip and fall during level walking.

In the present study, new footwear sole, using a hybrid rubber surface pattern, was developed and tested to determine its efficacy for increasing slip resistance and reducing the risk of fall due to a slip on a contaminated floor surface. We hypothesized that the developed footwear, using the hybrid rubber surface pattern reduces 1) the risk of slip occurrence, slip distance and slip velocity when a slip occurs and 2) the risk of fall due to slip during turning on a contaminated surface

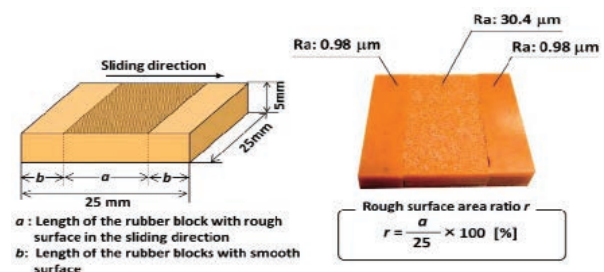


Figure 2 shows the test footwear. Footwear A was a commercially available boot, which is conventionally used in food factories and restaurant kitchens (Figure 2(a): ZONA G3, Kohsin Rubber Co., Ltd., Sendai, Japan). The comparative footwear had tread blocks with a pearskinfinish surface and a round chamfered edge. Footwear B was a sneaker-type footwear with an outsole of tread blocks and the hybrid rubber surface pattern (Figure 2(b)). The footwear B was developed in this study. The ratio

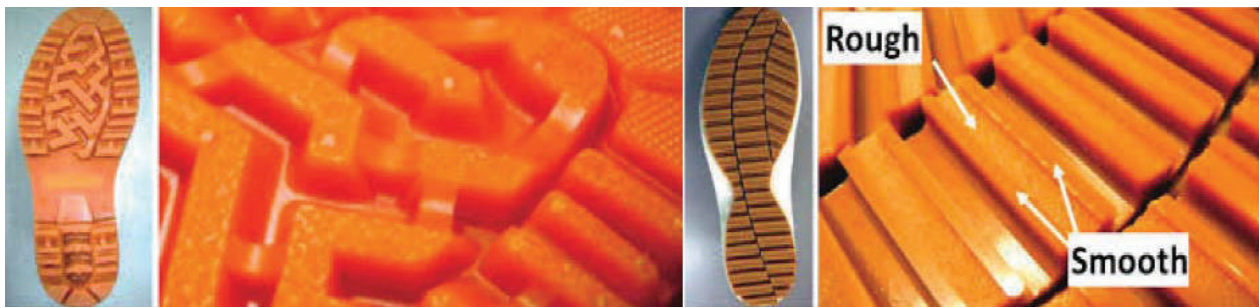


Figure 2. Test footwear; (a) Footwear A (outsole with tread blocks and a pearskin-finish surface); (b) Footwear B (outsole with tread blocks and the hybrid rubber surface pattern)

of the surface area of the rough surface to that of a single tread block (rough surface area ratio) was 50% for the outsole with the hybrid rubber surface pattern. The outsoles of both types of footwear were made from nitrile butadiene rubber (shore hardness: 58 (A/15) for footwear A; 45 (A/15) for footwear B)

Data Analysis The frequency of trials in which a fall occurred was examined for each footwear type. We defined a fall when the subject's feet were off the floor and when they were completely suspended by the harness after losing balance due to a slip. Whether subjects fell or not was identified based on video data. For trials in which it was difficult to identify a fall from the video data, vertical coordinates of the heel and toe reflective markers were used to determine whether both of the subject's feet were off the floor. When the moving distance of the heel marker

during the stance phase (from heel-contact to toe-off) was > 6.0 mm, which was the mean value of the marker fluctuation, it was identified as a slip. Slip distance and slip velocity (sliding velocity of the supporting foot) were calculated for each trial using the position data of the reflective marker attached to the toe part of the footwear, to examine the severity of slip. The coordinate data for the reflective markers were digitally smoothed using a two-order low-pass Butterworth filter with a cut-off frequency of 10 Hz.

Table 1. Frequency of trial with slip and maximum slip distance and velocity [mean (SD)] Footwear A (conventional) Footwear B (hybrid pattern) p values Frequency of trials with slip, % 97.6 (8.91) 66.7 (22.7)

The mean frequency of trials in which a fall occurred for both types of

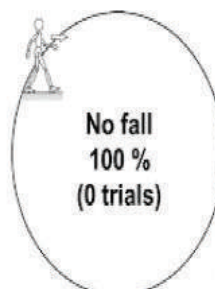
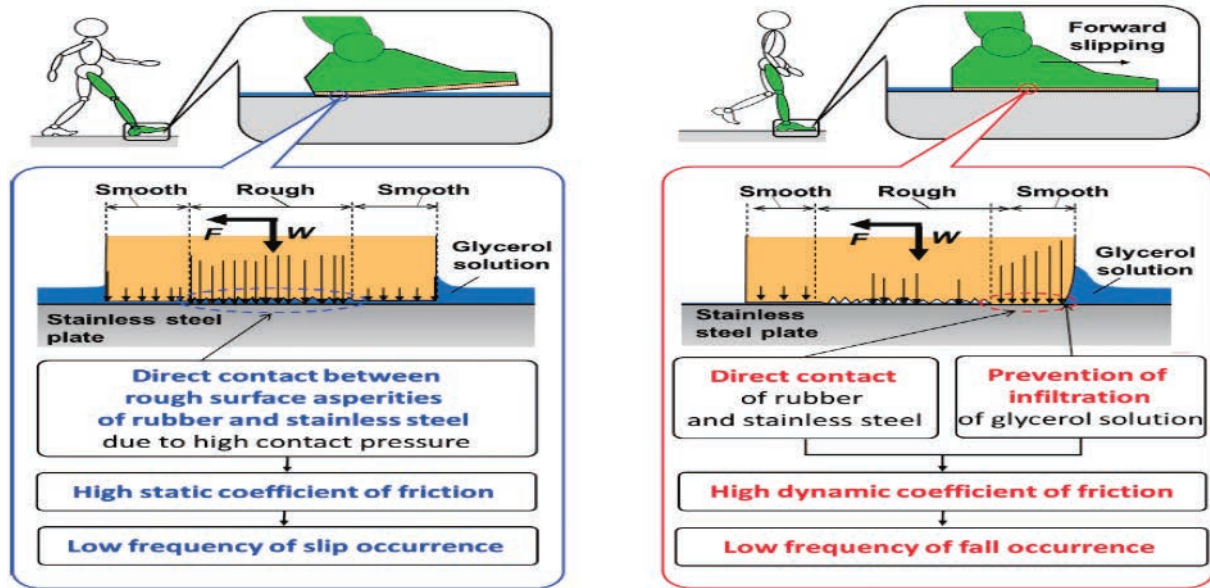


Figure 3 Frequency of trials with fall and without fall; (a) footwear A (conventional); (b) footwear B (hybrid surface pattern)



Mechanisms of low slip and fall frequency for the outsole with the hybrid rubber surface pattern; (a) before slipping; (b) during slipping

footwear is presented in Figure 3. The frequency of fall trials for footwear A and B were 54.8% (23/42) and 0%, respectively; no subjects fell while testing footwear B. The result supports our second hypothesis.

Conclusions:

A new footwear sole, using a hybrid rubber surface pattern, was developed and tested to determine whether it was efficacious in increasing slip-resistance as well as reducing the risk of fall caused by a slip during walking on a contaminated floor surface. The frequency of slips, slip (b) (a) (b) - 246 - distance, and slip velocity for the new footwear sole were significantly lower than those for the comparative footwear, which resulted in no falls during trials. The results of the current study indicate that the newly

developed footwear outsole will contribute to prevent slip and fall accidents in work places

References:

- Grönqvist, R., Hirvonen, M., Rajamaki, E. & Matz, S. (2003). The validity and reliability of a portable slip meter for determining floor slipperiness during simulated heel strike. *Accident Analysis and Prevention*, 35, 211-225.
- Leclercq, S., Tisserand, M., Saulnier, H. (1995). Tribological concepts involved in slipping accidents analysis. *Ergonomics*, 38, 197-208

An Article By
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B.Tech (leather Technology)
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Ministry of Micro, Small and Medium Enterprises,
Government of India

Tariff for Common Facility Services



Dieless Cutting Machine (Zund Model 2400 - Tariff - Rs. 500 per hour)



PU - Pouring Machine 4.8 PUMA James 3 (12 Station - Banana Type - Rs. 1200 per hour)

LASER ENGRAVING & CUTTING 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

Sl.No	Job Description	Code	Qty Available	Description in Details	UOM	Cost in INR
1	Digitizing & Pattern Grading (1.01)	1.011		For any Normal Construction	1 Series *	1200
2		1.012		For Boot & Mocassin	1 Series *	1500
3		1.013		Normal Model in Sandal	1 Series *	750
4		1.014		Punch Model in Sandal	1 Series *	1000
5	Marketing Patterns(1.02)	1.021		Type by Plastic	1 Series *	1500
6		1.022		Type by Insole Board	1 Series *	2500
7		1.023		Type by Shank Board	1 Series *	3500
8	Cut file on Paper patterns	1.03		Type by Chart	1 Series *	1000
9	Insole / Sole Grading	1.04		For Any Type	1 Series *	250
10	Vaccum Shell (1.05)	1.051		Less than 50 Pairs	1 Series *	120
11		1.052		More than 50 Pairs	1 Series *	60
12	Product Development (1.06)	1.061		Shoe	1 Series *	1500
13		1.062		Sandal	1 Series *	1000

Tariff for other Common Facility Services

CLICKING SECTION

Sl.No	Name of the Machine	Code	Qty Available	Make & Model	UOM	Cost in INR
14	Swinging Arm Clicking M/c	2.01	2	ATOM SE16 (16 T Capacity)	Per hour	100
15	Swinging Arm Clicking M/c	2.02	1	ATOM SE-18 (20 T Capacity)	Per hour	110
16	Travel Head Cutting Machine	2.03	1	ATOM -SP588 25 Tonnes	Per hour	250
17	Die-less cutting Machine	2.04	1	ZUND Model 2400	Per hour	500
18	Splitting Machine with width 400 mm	2.05	1	SEAZEN SZ 400	Per hour	150
19	Strap Cutting Machine (Circular Type)	2.06	1	Indigenous	Per hour	50
20	Strap Cutting Machine (Vertical Type)	2.07	1	Indigenous (TSE)	Per hour	50
21	Stamping Machine	2.08	1	BRUGGI	Per hour	50
22	Stamping Machine	2.09	1	Indigenous(TSE)	Per hour	50

CLOSING & PRECLOSING SECTION

Sl.No	Name of the Machine	Code	Qty Available	Make & Model	UOM	Cost in INR
23	Flat Bed Single Needle Machine	3.01	2	PFAFF -563	Per hour	50
24	Post Bed Single Needle Machine	3.02	5	PFAFF -491	Per hour	50
25	Post Bed Single Needle Machine	3.03	1	PFAFF -1293	Per hour	50
26	Post Bed Single Needle Machine	3.04	1	DURKOPP ADLER - 888	Per hour	60
27	Post Bed Single Needle Machine	3.05	1	DURKOPP ADLER-888 (Classic)	Per hour	60
28	Post Bed Double Needle Machine	3.06	1	DURKOPP ADLER-4280-611	Per hour	70
29	Post Bed Double Needle Machine	3.07	4	DURKOPP ADLER-2260 -211	Per hour	70
30	Cylinder Bed I Needle Machine	3.08	1	PFAFF - 335-H3	Per hour	50
31	Zig Zag Machine with cording	3.09	1	DURKOPP ADLER-527	Per hour	250
32	Skiving Machine	3.1	2	Torielli 11/72.3	Per hour	40
33	Strobel Machine	3.11	1	L-141	Per hour	100
34	Strobel Machine	3.12	1	KL-141-25	Per hour	100
35	Pneumatic Eyeletting Machine	3.13	1	Torielli - 11/72.3	Per hour	40
36	Seam Rubbing & Tape Attaching Mc	3.14	2	Torielli 17 AS 93	Per hour	40
37	Crimping Machine (Type Hydraulic)	3.15	1	Seazen SZ-571	Per hour	250
38	Fusing & Lamination Machine	3.16	1	Torielli 06/PR 86	Per hour	50
39	Toe Puff attaching Machine	3.17	1	Torielli, Italy	Per hour	50

SOLE/INSOLE MAKING SECTION

Sl.No	Name of the Machine	Code	Qty Available	Make & Model	UOM	Cost in INR
40	Insole Moulding Machine	4.01	1	Torielli 4078/PB	Per hour	75
41	Insole Bevelling Machine	4.02	1	DASUNG	Per hour	60
42	Insole Rivetting Mc	4.03	1	BRUGGI -BRU-112	Per hour	50
43	Sole Buffing Machine	4.04	1		Per hour	70
44	Skiving Machine	4.05	1	Lee Foot	Per hour	50
45	Skiving Machine (Heavy Duty)	4.06	1	Torielli	Per hour	60
46	Skiving Machine (Heavy Duty)	4.07	2	Golden Rhombus	Per hour	50
47	PU - Pouring Machine (4.08)	4.081	1	PUMA James 3 (12 Station - Banana Type)	Per hour	1200
48	PU - Pouring Machine (4.08)	4.082	1	PUMA James 3 (12 Station - Banana Type)	Per pair	12



Tariff for other Common Facility Services

FULL SHOE LASTING/BOTTOMING SECTION

Sl.No	Name of the Machine	Code	Qty Available	Make & Model	UOM	Cost in INR
49	Pre Forming (Moccasin) Mc (4 Pairs)	5.01	1	Torielli 1461 Per Hour	Per hour	75
50	Toe Moulding Mc (2 Hot & 2 Cold)	5.02	1	SEAZEN SZ -625	Per hour	150
51	Counter Moulding M/c (2 Hot & 2 Cold)	5.03	1	SABAL PR	Per hour	100
52	Fore part Conditioning (Mulling) Mc	5.04	1	ISMC -UK 11PP 1022	Per hour	65
53	Toe Lasting Machine(Hydraulic Type)	5.05	1	MOLINA - BIANCI Mobi 1	Per hour	300
54	Side & Seat Lasting by Thermoplastic	5.06	1	CERIM 58 E	Per hour	400
55	Seat Lasting Machine by Tacks	5.07	1	ORMAC -750	Per hour	100
56	Back Part Conditioning (Mulling) Mc	5.08	1	Indigenous	Per hour	45
57	Heel Seat Crowning Machine	5.09	1	Alen 211	Per hour	70
58	Pounding & Ironing Machine	5.1	1	Torielli - 17/ACG	Per hour	65
59	Hot Air Blower (Wrinkle Chaser)	5.11	1	Torielli BC	Per hour	60
60	Heat Setting Plant (4 Track)	5.12	1	Indigenous PRE	Per hour	175
61	Roughing & Scouring M/c	5.13	1	Torielli - CF78	Per hour	50
62	Roughing & Scouring M/c	5.14	1	Torielli - CF78 N	Per hour	50
63	Dryer & Reactivator	5.15	1	Indigenous PRE	Per hour	250
64	Sole Attaching Machine (Pneumatic)	5.16	1	Elettro Technica BC	Per hour	50
65	Sole Attaching Pneumatic (Hydraulic)	5.17	1	Sigma 756	Per hour	100
66	Chiller	5.18	1	BDF Chiller "O"	Per hour	200
67	Delasting Machine	5.19	1	Torielli 148/BA	Per hour	40
68	Topline (Collar) Forming Machine	5.2	1	Alen - 102 SR	Per hour	100
69	Brushing & Polishing Machine	5.21	1	Indigenous (TSE)	Per hour	50
70	Spray Booth with Finishing Table	5.22	1	Indigenous	Per hour	100
71	Combined Finishing Machine	5.23	1	Frankling KING	Per hour	100

SPECIAL PURPOSE MACHINES

Sl.No	Name of the Machine	Code	Qty Available	Make & Model	UOM	Cost in INR
72	Sole Stitching Machine	6.01	1	BUSM UK	Per hour	100
73	SideWall/sole stitching Machine	6.02	1	MECVAL CS 82 N	Per hour	250
74	Heel Nailing Pneumatic Machine	6.03	1	TORIELLI 192/SDV Lue Model	Per hour	75

GENERAL PURPOSE MACHINES

Sl.No	Name of the Machine	Code	Qty Available	Make & Model	UOM	Cost in INR
75	Compressor 3 HP	7.01	1	Indigenous 3 HP	Per hour	40
76	Compressor 5 HP	7.02	1	Indigenous 5 HP	Per hour	50
77	Compressor 25 HP	7.03	1	ELGI E 18, Germany	Per hour	120
78	Generator	7.04	1	Kirloskar 36 L8-4	Per hour	750

For further details please contact:

**The Director,
CENTRAL FOOTWEAR TRAINING INSTITUTE**

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

Phone: 044-22501529 Fax: 044-22500876

Email: cfti@vsnl.net Website: www.cftichennai.in

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S.No	Company Name	S.No	Company Name
CAD SECTION & PATTERN GRADING		12	Sugan Leathers, Chennai
1	Anusham Leathers	13	Vista Shoes
2	Dhaya Shoes, Ambur	14	Euro Leder Fashion Limited
3	Shaniyo Exports,	15	Sakthi Footwear
4	Track Shoes,	16	Sri Krishna Leather Footwear
5	Adnan Shoes, Ambur	17	LMS
6	Phoenix International	18	Proma Shoes Pvt Ltd
7	Mett Footwear Division, Walajah	19	P.Vengal Rao
8	Radhika Shoe Crafts Pvt Ltd,	20	Newzealand Woolan Co.,
9	Ram Fashion Exports, Mumbai, Adnan	21	Inna Enterprises
10	Shoe Links, Chennai	22	Balaji Trade Links
11	Fresh look Footwear, Vellore	23	PM Leather
12	Sanaliya Design Pvt Ltd	24	Fu-ells
13	Imman Shoes Pvt Ltd	25	Grace Weaves Exports LLP
14	Florence Shoe Company	26	Leather Craft Seating Solution
15	Ms.Jaishree Mahapatra	27	Baruli
16	ARS Footwear	28	Padmash Leathers Exports
17	Perfect Shoe Fabric	29	RGT Technologies Machinery, chennai
18	Jaishree Mahapatra	30	Vyuga Shoes & Apparels Pvt
19	Dia Life	31	Ayappa Enterprises
20	Bader Leather India Pvt. Lt.	32	Empuries Design Studio
CLICKING SECTION		33	Irbaz Shoe Company
1	Osuri Footwear Components	34	Sri Ganapathy Enterprises
2	Happy Feet India Pvt Ltd, Chennai	35	Vellore Shoes
3	Sri Ganapathy Enterprises, Chennai	36	Honey Walkers
4	S S Form Pack	37	SSV Exports
5	Yuva Shree Moulds	38	India Shoes Pvt. Ltd.
6	Suriyaa Plastiks	39	Aadithya Overseas
7	Ikvetta, Ambur	40	Jasper Concepts Pvt. Ltd.
8	A.V. Thomas Leather & Allied Products	PU POURING SECTION	
DIELESS SECTION		1	Ever Green Associates
1	Reena Enterprises, Chennai	2	South Association Enterprise
2	Viji Screens, Chennai	3	Aadithya Overseas
3	Enco Shoes, Chennai	4	M V Diabetes Health Care
4	Oxford Shoe, Vaniyambadi	5	One Huge Step, Chennai
5	Nuha Leathers	6	RR Leathers
6	Suraksha Shoes, Ambattur	LASTING & FULL SHOE MAKING SECTION	
7	Zuber Impex	1	Sai Chamois Inc
8	Excel International, Chennai	2	Jasper Concepts Pvt Limited
9	Gardenia Shoes	3	Shravan India
10	Tata International	4	RGT Technologies
11	Phoenix Leders		

BIOACTIVE INSOLE AND LINING MATERIAL

Footwear is only garments that are taken care of for aesthetic and preservation reasons. To ensure comfort to the footwear users in a work place or daily life designers and manufacturers offers a various types of materials for insole and lining. Like textiles leather polymers etc. In this case the crucial functional features are appropriate mechanical and hygienic properties. On the other hand this is also very important to impart good bioactive properties to materials. To prevent development of microorganism those are grow inside footwear is very essential for health issue. People who are using footwear for long time in a day there is a chance 50% for pathological changes in their skin. So that it is a very important issue. So for using footwear to prevent the fungal diseases it is very important to select the material. Though there are few materials like leather and textile bioactive insole is a good choice for insole.

People who works in their work place for long time or who uses their footwear for long time in a day for those people it Is very important to protect their feet against hazards occurring their workplace such as mechanical injuries to the feet, burns, or the absorption of chemicals through the skin. Bioactive material is more likely to use in protective footwear.

The most used bioactive insole material is a three layer thin polymeric material. It consists three layers those are- top, middle and bottom layer. Top

layer is conductive-diffusive and it remaining in contact with the user's foot. Middle layer is the main layer for bioactive function. It improving hygienic properties by ensuring protection against bacteria and fungi. The bottom layer is external and it attached with sole parts. It should be stiffening. All those parts are basically from polymers.



Materials of Bioactive Insole

It is mentioned earlier that this is product consist three layers. The materials used in top layers are polyester and polypropylene or loycell woven with an elementary warp satin weave. It is very important to be fabric designed. In this design one side is polyester or polypropylene hydrophobic fibers and other side is hydrophilic loycell cellulose fibre. In middle layer there are three kinds of commercially available polymers are used- - MOPLEN HP 456 J polypropylene (manufactured by Lyondell Basell, Germany); LEXAN Resin polycarbonate (manufactured by General Electric Plastics, USA), and AQUAMID 6 polyamide (manufactured by Aquafil Engineering Plastics, Italy). As this layer is very important part for the main function of the product to prevent bacterial and fungal infection so that in this layer a biocidal substances is added. The

bioactive agent applied is certified by the Ministry of Health for commercial. (Certificate No. 2623/05). This is used as a biocidal product. In bottom layer a nonwoven consisting of polypropylene fibers of an area weight of 500 g/m² is used. Bioactive agent in the form of commercially available magnesium monoperphthalate is added at the stage of polymer fibre formation.

References:

1. Md. MajbaurRahman Khan et al (2015), STUDY ABOUT POLYMER APPLICATIONS IN FOOTWEAR, Plastic Technology, ARCADA

By

S. WELLINGTON RAJA

B.Tech (Leather Technology)

Faculty, CFTI, Chennai

மின்சார ஆபத்துகள் மற்றும் காலணி பாதுகாப்பு

தொழிலாளி பாதுகாப்புக்கு ஒரு அடித்தளம் அமைப்பது உண்மையில் அடிப்படையிலிருந்து தொடங்குகிறது. திறமையான கைவினை வர்த்தகத்திற்கு காலணி பாதுகாப்பு முக்கியம். தொழிலாளர்களுக்கு வசதியாக மட்டுமில்லாமல் பாதுகாப்புடன் கூடிய பாதணிகளைக் கண்டறிதல் முக்கியமாகும்.

சரியான வேலைக்கு சரியான கருவி தேவை என்று கைவினை கலைஞர்களுக்குத் தெரியும். அதே கோட்பாடு காலணிகளுக்கு பொருந்தும். ஒரு வர்த்தகத்தை பார்த்தால் மின்சக்தி மற்றும் சுற்றுப்புறத்தில் பணிபுரியும்போது வேலை வாய்ப்பு அல்லது பிற மின்சாரம் சம்பந்தப்பட்ட சம்பவங்கள் தொடர்பான சாத்தியங்களைக் குறைப்பதற்கு பாதணிகளுக்கு சிறப்பு கவனம் செலுத்தப்பட வேண்டும்.



எதிர்ப்பு நிலையான காலணி

இந்த வகைப்பாட்டில் பாதுகாப்பு காலணி நிலையான மின் சக்தி சூழலில் செயல்படும் வகையில் தொழிலாளர்

களுக்கு வடிவமைக்கப்பட்டுள்ளது. மின்சார ஆபத்துக்களுக்கு எதிர்மறையான ஒரு நியாயமான அளவை வழங்குவதன் மூலம், நிலையான காலணி உடலில் இருந்து நிலையான மின்சாரத்தை திரட்ட உதவுகிறது. இந்த துவக்கங்கள் பொதுவாக ESD அல்லது SD என்கிற குறிச் சொற்களை குறிக்கப்படுகின்றன.

கையாளக் கூடிய காலணி பாதுகாப்பு

காலணி உடலில் நிலையான மின்சாரம் திரட்டல் ஒரு அபாயகரமானதாக இருக்கும் சூழலில் அணிவகுப்பவர்களை பாதுகாக்க உதவுகிறது. இந்த தொழிலாளர்கள் பெரும்பாலும் வெடிக்கும், சூடான, இரசாயன அல்லது ஆவியாகும் பொருட்களை கையாளுகின்றனர். மின்சாரம் எதிர்ப்புசக்தி இல்லாத உலோக பொருட்கள் மற்றும் சிமெண்ட் ஆகியவற்றால் பாதிப்பு ஏற்படாதவண்ணம்

கையாளக் கூடிய பாதுகாப்பான காலணிகளும் தயாரிக்கப்படுகின்றன. இந்த வகையான பாதுகாப்பு காலணிகளை அணிவது மூலம் கால்கள் பாதுகாக்கப்படுகின்றது.

By

S. WELLINGTON RAJA

B.Tech (Leather Technology)

Faculty, CFTI, Chennai



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

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1. Advertisement material is to be 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. For further enquiries please contact: 9962445614

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 :



Ministry of Micro, Small and Medium Enterprises,
Government of India

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.

AFFIX A LATEST
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- ☐ 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 ADVANCED CERTIFICATE COURSE IN FOOTWEAR MANUFACTURING TECHNOLOGY
- ☐ 1 YEAR ADVANCED CERTIFICATE COURSE IN FOOTWEAR DESIGN & PRODUCT DEVELOPMENT
- ☐ 6 MONTHS CERTIFICATE COURSE IN FOOTWEAR DESIGN & PRODUCTION
- ☐ 3 MONTHS CERTIFICATE COURSE IN SHOE CAD

(TO BE FILLED BY THE APPLICANT 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 10th 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 ACCOMODATION IS REQUIRED: ☐ YES ☐ NO

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

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 80% 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.)



Ministry of Micro, Small and Medium Enterprises,
Government of India

Participation of Director in the National MSME Conclave “UDAYAM SANGAM 2018” in which Shri. Ram Nath Govind, Hon’ble President of India was the Chief Guest



Participation of Director CFTI, Chennai at “UDAYAM SAMWAD” Workshop conducted by M/o. MSME Hon’ble Minister for MSME, Shri. Giriraj Singh, Secretary & Additional Secretary & DC of the M/o. MSME addressed the gathering





Ministry of Micro, Small and Medium Enterprises,
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CENTRAL FOOTWEAR TRAINING INSTITUTE, CHENNAI MSME - TECHNOLOGY DEVELOPMENT CENTRE

(Ministry of Micro, Small & Medium Enterprises,
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65/1, GST Road, Guindy, Chennai - 600 032.

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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	16th August
2.	Post-Graduate Higher Diploma in Footwear Technology & Management Studies (PGHD)	MSME / PGHD / 59	8	18 months	Any Graduate Preferably Engg. grad.	35 max	4,60,000	15th September
3.	Post Graduate Diploma in Footwear Technology (PGDFT)	MSME / PGDFT 19	7	18 months	Any Graduate	35 max	1,45,000	30th September
4.	Post Diploma in Footwear Technology (PDFT)	MSME / PDFT / 12	6	1 year	Any Diploma	35 max	1,20,000	30th September
5.	Advanced Certification in "Footwear Design & Product Development (FDPD)	MSME / FDPD / 65	5	1 year	12th pass	35 max	1,22,000	30th August
6.	Advanced Certificate Course in Footwear Manufacturing Technology (FMT)	MSME / FMT / 01	5	1 year	10th pass	35 max	72,000	30th July
7.	Condensed Course in "Footwear Design & Production" (CFDP)	MSME / CFDP / 71	4	6 months	10th pass	35 max	40,000	30th August

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

- Course No. 1 & 2 are affiliated with Leicester College, London, U.K 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

Short Term / Part time Courses

S. No.	Name of the course	Duration	Eligibility	Tuition Fee (in Rs.)	GST @ 18%	Total Fees
1.	Certificate in Shoe Computer Aided Design (CSCAD)	3 months	10th	23,000	4,140	27,140
2.	Design & Pattern Cutting	3 months	10th	10,000	1,800	11,800
3.	Shoe CAD	1 month	10th	10,000	1,800	11,800
4.	Shoe Upper Cicking	1 month	8th	10,000	1,800	11,800
5.	Shoe Upper Closing	3 months	8th	12,500	2,250	14,750
6.	Lasting, Full Shoe Making & Finishing	3 months	8th	12,500	2,250	14,750
7.	Leather Goods Making	1 month	8th	10,000	1,800	11,800
8.	Die-Less Cutting & Design	1 month	Should have Design knowledge	12,000	2,160	14,160

* For SC/ST 50% concession in fee.

CFTI Chennai also conducts NSQF approved short term courses of Leather Footwear & Goods Sector.

HOSTEL FEE STRUCTURE (BOYS)

S. No	Type of Accommodation	Per Month		Per Annum	
		With Food	Without Food	With Food	Without Food
1.	Dormitory	5000/-	1500/-	60000/-	18000/-
2.	Three Sharing Room	5500/-	2000/-	66000/-	24000/-
3.	Double Sharing Room	7500/-	3000/-	90000/-	36000/-
4.	Double Sharing A/C Room	9000/-	4500/-	108000/-	54000/-