The Leather Post

CSIR-Central Leather Research Institute

"News that you can use"

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MODEUROP goes to New York!
Dear Doyens and Members of the Indian Leather Fraternity; Mentors and Teachers, Colleagues and Friends!

It gives us great pleasure in sending you the October 2016 edition of The LEATHER POST.

In this edition, we bring you the Vision for CSIR-CLRI: 2030 and snippets from the CSIR Platinum Jubilee commemoration.

We also have covered Industry Talk where our Industry Leaders are speaking on the Future of the Indian Leather Industry.

Showcased some of our newer technologies that are available for commercialization. Our endeavours continue to be sought after.

Our Synergy partners have been walking hand-in-hand with us in our journey and we wish to thank them for their unstinted support and kind co-operation.

We will strive to make this magazine informative and interesting and your feedback for improvement is most welcome.

24th October 2016

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Message of Dr. Girish Sahni, DG CSIR on the occasion of Platinum Jubilee Commemoration of CSIR

Over all these years, CSIR has rendered yeoman service to the Nation. It has contributed significantly to the growth of Indian industry and in nation building. CSIR’s contribution to the strategic sector has enabled our country’s achievements in the space, nuclear energy and defence programs. CSIR’s endeavor in societal arena has brought smiles to lakhs of people, whether the farmer or the rural folk. CSIR has supported thousands of students pursue their PhD in a variety of disciplines. CSIR has pursued cutting edge science and has advanced knowledge frontiers. CSIR has been ranked 12th in the world amongst the Government institutions, with an overall global ranking of 99 in the world during 2016, according to the report of SCImago Institutions Rankings. All of these have been possible because of your tireless efforts despite the several constraints faced.

I wish to thank each one of you personally and recognize the contribution you’ve made. In this journey of converting high science to technology and translating them in the market, we have travelled hand in hand with our stakeholders. We need to continuously endeavor to fulfil the high expectations they carry, even though everyone understands that it is a long journey from lab to market.

However, in the past couple of decades, we have somewhat lost our focus value, which has always been our mandate. Hon’ble Prime Minister on several occasions has exhorted us to contribute more to industry and society. The world acknowledges our achievement of excellence in high science. It is now upon us to focus our attention towards translational research and convert this high end knowledge for the benefit of industry and society. Until Good Science leads to Good Technologies, the value of Science remains unutilized. It is imperative on us to focus on delivery. With emphasis on translational research, technology development and commercialization, we have launched several initiatives including close to 100 Fast Track Translational Projects, some CSIR-800 projects and we are in the process of putting together a dozen Mission Mode Projects.

Our relevance in the future will depend on whether we are able to deliver on these commitments. We must realize that in taking an idea from lab to market, we must attend to each cog, every piece of our spectrum, every stake holder including industrial partners, and market dynamics to achieve the end objective. Another opportunity for all of us today in taking our ideas to the market, is the possibility of S&T based entrepreneurship including spinning off our own companies or create Start Ups based on our ideas and technologies. For this, all CSIR labs should put the necessary Eco-system in place.

All of you may be aware that today the Hon’ble Minister of S&T has launched the formal Skill Development Mission of CSIR. With our vast infrastructure and human resources, CSIR can lead India in S&T based skill development which can generate lakhs of jobs for our unemployed youth.

For all of these initiatives to be successful, we need to change our mindsets, we have to move from being individuals to teams; move from a culture of merely publishing to innovating; and from working for individual recognition to working for a cause.

Let us take a pledge on the dawn of Platinum Jubilee - CSIR to matter more to the Nation and put every effort to see our fruit of labour benefits the Nation. The aspirations of the people and the expectation of the Nation from us is high, and I am sure we will not let them down.

Once again congratulating you on the occasion, With best regards,

Dr. Girish Sahni, DG, CSIR
New Delhi, 23rd September, 2016: Dr. Harsh Vardhan, Hon’ble Minister of Science & Technology and Earth Sciences and Vice President of CSIR, launched an Integrated Skill Initiative Program of CSIR in New Delhi.

Dr. Harsh Vardhan also addressed a Press Conference on the inauguration of CSIR Platinum Jubilee Celebration by the Prime Minister of India and the President of CSIR on 26 September 2016. He stated that the Hon’ble Prime Minister would release seven new plant varieties developed at CSIR laboratories to the farmers located at five different locations on this occasion. The Prime Minister would also interact with farmers at these five places through a video link. The Hon’ble PM would also witness an exclusive exhibition.
On this occasion, the prestigious Shanti Swarup Bhatnagar Prizes would be given to eminent scientists. The CSIR Diamond Jubilee Technology Award, CSIR Award for S & T Innovations for Rural Development, CSIR Technology awards, G.N Ramachandran Gold Medal for the year 2016, CSIR Young Scientist Award, and CSIR Innovation Award for School Children are the other CSIR awards that would be presented on this occasion.

Dr. Harsh Vardhan further elaborated on the range of special activities built around the CSIR Platinum Jubilee Celebrations during the ensuing year, including organization of unique CSIR showcases and holding of lecture series by eminent scientists and industry captains, in several cities across the country.

After the formal launch of “CSIR Integrated Skill Initiative” today, Dr. Harsh Vardhan highlighted that with its nearly 8000 highly talented S&T personnel, excellent inter-disciplinary expertise, state-of-the-art facilities and a pan-India presence, CSIR is in a unique position to contribute towards Government’s enterprise-enhancing programs in Skill India and Stand up India. To begin with, CSIR proposes to launch 30 integrated skill initiatives in diverse areas with varying duration that would be further expanded to 75, within next one year, he added. All these training programs are interconnected and linked to industry requirements and thus would invariably contribute to the subsequent employment generation, including small-scale entrepreneurship, he emphasized.

On this occasion, the CSIR-Central Leather Research Institute (CSIR-CLRI), Chennai and Andhra Pradesh Scheduled Castes Cooperative Finance Cooperation (APSCCFC) signed an agreement for skill training, upgradation and entrepreneurship development of 10000 underprivileged candidates who are below the double poverty line with an aim of creating income generation assets for their households enabling their socio-economic development. The agreement was signed in the presence of Dr. Harsh Vardhan amongst a host of other dignitaries.

CSIR has played a stellar role in the scientific and technological development program of the country. It has also strengthened the nation’s human capital by imparting skill-based quality human resource training programs through its academic and Industry linked training programs. CSIR through the decades of its existence has more than delivered its mandate of transforming India through scientific innovations and played a catalytic role in improving the lives of millions with its path-breaking societal interventions. Be it the creation of the unique indelible ink used by the voting millions during its initial years or India’s first baby milk - Amul spray milk powder, derived from buffalo milk with excellent digestibility, or resurrecting the Indian leather industry from the verge of closure, due to pollutants contaminating water, thus saving the livelihood of thousands, CSIR has time and again proved itself relevant to the nation during its journey of its 75 years.
Foundation Day Celebrations of CSIR in New Delhi on 26th September 2016
CSIR-CLRI is organizing societal empowerment programmes through skill development for the needy who are below the poverty and double poverty line limits. These artisanal and skill upgradation programmes correspond to the Qualification Pack and National Operating Standards (QP and NOS) under the National Skill Qualification Framework (NSQF).

Andhra Pradesh Scheduled Castes Co-operative Finance Corporation Ltd. (APSCCFC Ltd.) serves in providing financial assistance for creation of income generating assets to the Scheduled Caste (SC) households in Andhra Pradesh enabling their social and economic development. It also focuses on providing skill development/up-gradation programmes for the SC community in Andhra Pradesh. APSCCFC has approached CSIR-CLRI to organize placement-linked skill development training programmes in different leather trades for SC youth in Andhra Pradesh. The candidates will be trained in different modules including Leather Processing/Leather Goods/Garments/Footwear trades. APSCCFC will be sponsoring candidates continuously for the Skill Development Initiative of CSIR-CLRI and plans to train around 10000 candidates over a period of 2 years in association with CSIR-CLRI. The total financial outlay for this venture will be around Rs.30 Crores.

The various activities to be carried out by CSIR-CLRI as part of the project include:
- Placement linked training of SC youth in leather and leather products for short term/long term duration
- Entrepreneurship Development Programme (EDP)/ training for self-employment and self-reliance.
- Training of Trainers (TOT) programme and setting up of Institutions to train the local Artisans in the local areas of Andhra Pradesh.
- Hand holding the candidates till they are placed or create small start ups.
- Adoption of villages - Creation of Artisan villages wherever there are large number of artisans and such villages will be taken up for artisan village development programme. The following will be carried out
  - To train the rural artisans (who have been making ethnic leather footwear and leather products) on leather manufacturing
  - To facilitate obtaining ‘Geographical indicators’ to their ethnic products
  - To establish cottage units for leather manufacturing in their villages
  - To provide design innovations to the ethnic products to bring about international demand
  - To establish market network (including online marketing) to sell the products internationally.

CSIR-CLRI believes that skill training programmes will be of great importance in generating skilled and employable manpower for the leather and products industry in Andhra Pradesh. CSIR-CLRI considers this training programme as a great opportunity to extend the technical expertise of CSIR-CLRI for the benefit of the society. We train the candidates skill-wise and assist in placing them in the industry in appropriate roles. We also motivate the candidates to utilize their skill training and take up self-employment with the aim of nurturing start ups. The project aims at placing minimum of 70% of the trained candidates in the industry. Under the adoption of villages schemes the following will be envisaged
  - Enhancement (about 30%) of per capita income of 10000 people in different villages
  - Improvement in social status significantly
  - Global visibility to Indian ethnic product

Traditionally the madiga community had been making leather and leather products. Presently, they are manufacturing leather footwear (ethnic), leather bags and products such as jewel case and decorative items. There exist a huge scope for introducing innovative designs to the ethnic products; the products could reach the global market better. Presently there is no way of facilitating or marketing of their products or handicrafts that have export potential for their uniqueness.

It is proposed to train the artisans in leather making and also to establish a common facility centre for community working together. This would bring about substantial increase in the financial returns. Also, through design innovations, it is possible to make products that could attract the global market. In order to reach the global market with a trade value, it is also proposed to obtain geographical indicator for the ethnic products. It is also proposed to establish a market network of export of these products.
Council of Scientific and Industrial Research (CSIR) established in 1942 celebrated its 74th Foundation day as well as Platinum Jubilee Commemoration on the 26th of September, 2016. The president of CSIR and Hon’ble Prime Minister, Shri Narendra Modi in his felicitation address emphasised the need for creating ambience to do Technology Business, Developing the Nation and Empowering common man through S & T.

‘CSIR-CLRI foresees to be the global hub that would transform the leather industry into one, which is technology and innovation driven, thus steering India to be the global leader in leather’.

This statement is the vision of CSIR-CLRI for a period ending 2030

A PRESS MEET on the occasion of 74th Foundation Day and Platinum Jubilee commemoration of CSIR was held in CSIR-Central Leather Research Institute on 10th October 2016. Addressing the Press, Dr B Chandrasekaran, Director recalled the Platinum Jubilee celebrations of CSIR held in New Delhi on 26th September 2016 wherein the President of CSIR, Hon’ble Shri Narendra Modi, Prime Minister of India had emphasised on “the need for technology base and empowering the common man through Science & Technology. All S&T interventions to reach the society: from SME’s to major manufacturing/ exporting houses. The Prime Minister, on that day praised ISRO’s successful launch of the satellite and the CSIR’s 75 years of service are the pride of the Nation.” said Dr B Chandrasekaran.

Director invited the PRESS to the Foundation Day celebrations in CLRI on 13th October 2016 and detailed the programme.

Dr B Chandrasekaran went on to present the Vision for CSIR-CLRI for Year 2030 and took pride in mentioning that CSIR-CLRI was in the Top 4 of the CSIR laboratories that had links with the Industrial sector.

Director presented the:

- Technology Mission for CLRI
- The proposed growth in the sector that is expected to be doubled from current 12 b US$ to 27 b US$ by 2020.
- The projects under Fast Track Translation, Waterless Chrome tanning Technology that had become a ‘game changer’ in a short period of time.
- Enzyme based pre-tanning technologies.
- Meeting of the next MODEUROP Colour Club for the Spring Summer 2018 season that would be held on American soil for the first time in October 2016.
- India hosting the XXXIV IULTCS Congress during 5-8 February 2017 in Chennai
- Presentation to BRICS on the new technologies

In conclusion, Director said that: CLRI will work towards ‘sustainable and green development of the Leather Sector.’

Q&A session followed.

PRESS was very keen to learn about the new technologies of CSIR-CLRI and their acceptance by the Industry, as well as the Technology Mission. They also asked about the plan for growth in exports.

Director responded to the questions from the PRESS.

The PRESS MEET thus concluded.
The most opportune moment for CLRI to be presenting its VISION as CSIR celebrates its Platinum Jubilee celebrations.

Different portfolios are identified in line with the vision of the institute. Each portfolio is resolved into various vision programs and translational projects with specific measurable objectives and deliverables.

The vision document consists of three components:
(a) Vision for 15 years (ending 2030) considering the Social Goals and ‘Sustainable Development Goals’
(b) Strategy for 7 years (2017-18 to 2023-24) indicating the translation of long-term vision into actionable programs
(c) Actionable projects for 3 years (2017-18 to 2019-20)

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<td>Technologies for treatment of solid &amp; liquid wastes and value generation from them</td>
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<td>Clean and renewable energy</td>
<td>Bioenergy - Biogas from tannery wastes</td>
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<td>Namami Ganga</td>
<td>Safeguarding Ganga: CSIR as an enabler Enhancing CETP capacity Improved collection/ conveyance of wastes Secure landfills</td>
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<td>Game Changer</td>
<td>Sustainable Manufacture: CSIR-CLRI Technology Zero Chromium discharge, Waterless Chrome Tanning Technology, Dry Tanning</td>
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<td>Make in India</td>
<td>Doubling value from Indian Leather by 2010 CSIR as an enabler – Technology Mission Quantum jump in R/M collection Augmenting tanning capacity Matching CETP capacities Benchmarking and Branding</td>
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<td>Innovate in India</td>
<td>Enzyme based fibre opening Leather goods from Ray fish, Chicken feet leathers Leather + Natural fibre based products</td>
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<td>Swasthya Bharat</td>
<td>Footcare solutions for obese and arthritic Wound/burn dressing materials/ sutures Benign and aesthetic children choes</td>
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<td>Samarth – Sasakth Bharat</td>
<td>Academy-Industry-R&amp;D CSIR-CLRI as an enabler Ministry of skill development training programs Capacity building in Africa World-wide hub for leather education</td>
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An important synergistic endeavour of the Industry & the Institute is TECHNOLOGY MISSION FOR LEATHER SECTOR

An optimistic target of 27 bn USD turnover has been planned for the leather sector by 2020 from the current level of 12 bn USD under Make in India Programme. Substantial employment generation is also envisaged.

In order to achieve the target, a Technology Mission has been planned for the tanning sector, which will be the basis for the development of Indian Leather and Leather Product Sector.

CSIR-CLRI in consultation with CLE and the stake holders have prepared a Technology Mission Document, which has been presented by DIPP along with other development action programmes for the sector to the Government of India.

The strategic directions obtained on a diagnostic study have led to development of multipoint technology mission aimed at addressing the issues faced by the industry thereby paving way for meeting the targeted turnover. Accordingly, a large scale technology mission has been identified for implementation under the Make in India programme.

Component 1: Systemic and large collection of raw hides and skins
Component 2: Technologies for capacity utilization
Component 3: Enhanced Environmental management in tanneries
Component 4: Framework for quality
Several State and Central organisations including National Scheduled Caste Finance Development Corporation and Andhra Pradesh Scheduled Castes Co-operative Finance Corporation Ltd. (APSCCFC Ltd.) provide financial assistance for creation of income generating assets to the Scheduled Caste (SC) households in Andhra Pradesh enabling their social and economic development. It also focuses on providing skill development/upgradation programmes for the SC community in Andhra Pradesh. AP Government through APSCCFC and Leather Industry Development Corporation of Andhra Pradesh (LIDCAP) has approached CSIR-CLRI to organize placement-linked skill development training programmes in different leather trades for SC youth in Andhra Pradesh. The candidates will be trained in different modules including Leather Processing / Leather Goods / Garments / Footwear trades. APSCCFC and LIDCAP will be sponsoring candidates continuously for the Skill Development Initiative of CSIR-CLRI and plan to train around 10000 candidates over a period of 2-3 years in association with CSIR-CLRI. The total financial outlay for this venture will be around Rs 30.0 crores.

For the first time, a meeting of the MODEUROP Colour Club will be held in the American soil. CSIR-CLRI and CLE are members of MODEUROP since 1994 and for the MODEUROP Roundtable and Colour Club Meeting for the Spring Summer 2018 season slated for 19-23 October 2016 in New York; 18 Indian Tanneries have readied 450 leather/colour proposals for presentation at this meeting. The MODEUROP Colour Card for the Spring Summer 2018 season will be released in India during mid-November 2016.

In conclusion, the mission of CSIR-CLRI is to meet the requirements of its external and internal customers, relevant regulatory and statutory bodies and other stake holders with continual improvement in its services, while aligning itself to the National agenda through technology innovation led solutions for the sector.
The Council of Scientific and Industrial Research (CSIR), New Delhi- The premier Industrial R&D organization in India was constituted in 1942 as an autonomous body under the Registration of Societies Act of 1860. CSIR has a dynamic network of 38 national laboratories, 39 outreach centres, 3 Innovation Complexes and 5 units. CSIR's R&D expertise and experience is embodied in about 4600 active scientists supported by about 8000 scientific and technical personnel. Central Leather Research Institute (CLRI) is one of the constituent laboratories of CSIR which is located in Chennai founded with an aim to generate, assimilate and innovate technologies for the Leather sector.

The 74th Foundation Day and Platinum Jubilee celebrations of ‘CSIR’ was celebrated at Central Leather Research Institute, Chennai on 13th October 2016. Dr Anil Kakodkar, Former Chairman, Atomic Energy Commission, Former secretary, Dept. of Atomic Energy, Govt of India & Former Director, BARC, Mumbai was the Chief Guest and delivered the foundation day lecture on “Getting ready for knowledge Era”.

Dr T Ramasami, Former Secretary, DST, Govt of India, Former DG,CSIR & Former Director, CLRI presided the function and Smt. Mythili Rajendran, IAS Managing Director, TamilNadu Textbook and Educational Services Corporation was the Guest of honour.

Awards and mementos were given to the CLRI staff members who were superannuated during Sep 2015 to Aug 2016 and completed 25 years of service. Various competitions were held for school children and research scholars of CLRI and prizes were given to the winners.
There are six pilot plants in CSIR-CLRI namely pilot tannery, footwear pilot plant, pilot plant for leather goods and garments, chemical engineering pilot plant, fermentation pilot plant and by products pilot plant. All these plants are of pilot scale capacity of production. The following table indicates the functional aspect of each pilot plant.

These pilot plants have been operated for standardizing various products developed by CSIR-CLRI at pilot scale prior to transfer of the knowledge product.

The structure of the Integrated Incubation and Innovation Hub (I3H) is presented as illustration below.

The objectives of this proposal are as follows.

(a) Renovation of all the ‘Discipline Based Pilot Plants’ (DBPP) already existing

(b) Establishment of ‘Technology Based Pilot Plant’ (TBPP) and

(c) Establishment of Business Center for Incubatees (BCI).

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<th>Functional aspect</th>
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<tr>
<td>1</td>
<td>Pilot tannery</td>
<td>Production of all kinds of finished leathers from raw hides and skins</td>
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<tr>
<td>2</td>
<td>Footwear pilot plant</td>
<td>Production of all types of open and closed footwear</td>
</tr>
<tr>
<td>3</td>
<td>Pilot plant for leather goods and garments</td>
<td>Production of all types of leather goods and leather garments</td>
</tr>
<tr>
<td>4</td>
<td>Chemical engineering pilot plant</td>
<td>Production of different types of chemical formulations for leather manufacturing</td>
</tr>
<tr>
<td>5</td>
<td>Fermentation plant</td>
<td>Production of all types of enzymes through submerged fermentation and solid state fermentation</td>
</tr>
<tr>
<td>6</td>
<td>Byproducts pilot plant</td>
<td>Production of different types of by-products from the wastes of slaughter house and tannery</td>
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CSIR-CLRI has launched the ‘Entrepreneur Development and Incubation Program’ (EDIP). According to EDIP, the aforesaid pilot plant facilities are made available to the private organizations primarily for start-up companies. The start-up companies or existing companies, which are desirous to use the knowledge product of CSIR-CLRI, will be provided with the opportunity of using the pilot plant facilities to manufacture the intended products. The incubatee is also provided with office space to carry out the business. The incubatee organization can do all the business operations in the campus of CSIR-CLRI.

Recently, the incubation center has been established and the Entrepreneur Development and Incubation Program (EDIP) have been launched. Initiatives have been taken to invite incubatees to manufacture leather, leather products and leather chemicals. The discipline based pilot plants that exist already in CSIR-CLRI as stated earlier, are part of the I3H. In order to extend the pilot plant facilities to the incubatees, these pilot plant facilities need to be renovated, as many of these facilities had been established 40 years back. Certain specific equipment in these plants also needs to be procured to enable the incubatees to manufacture all possible types of products.

### Achievement of the incubation center

One incubatee has entered into legal arrangement with CSIR-CLRI. The zero wastewater discharge technology has been licensed to the incubatee. The finished leathers following the zero wastewater discharge process has been produced in the pilot tannery for the incubatee, who owns a shoe factory. Shoes are produced by the incubatee in his shoe unit using the finished leathers manufactured in CSIR-CLRI.

### Need for setting up of additional facility

Apart from the renovation of the existing pilot plants, it is proposed to establish a ‘technology-based pilot plant’ (TBPP). In the TBPP, facilities of line of production will be to produce four products, of low-hanging fruit technologies developed by CSIR-CLRI. TBPP is proposed for producing specific products, which cannot be produced using the existing pilot plants. The four product lines to be established will be used by the incubatee organizations with the concordance that the incubatee organizations will obtain the license of the respective technology from CSIR-CLRI and at the end of using the facility tentatively for a period of 1 year, the incubatee organization will buy the equipment and machinery installed for the production of the particular product on cost basis. Therefore, after a year’s time the space will be available for another four new products of low hanging fruit technologies. Also, it is proposed to establish a Business Center for Incubatee (BCI) (office space) for the incubatees, to accommodate four incubatees at any given point of time. This BCI will have all the necessary office equipment and infrastructure. The office for the Integrated Incubation Center will also be functioning in BCI. All the incubation related business activities of CSIR-CLRI would be carried out here under the Project Planning and Business Development (PPBD) department. The request for incubation will be processed by the PPBD and facilitation will be done by the functionality.
SHOWCASE: ‘First View’ of the Leathers/ Colours for the MODEUROP Spring Summer 2018 season

A CSIR-CLRI | CLE | ISF | IFLMEA endeavour
in association with
Arihant Dyechem | BASF India Ltd | Colourfast | Colorants | Colourtex | Pure Chemicals | Stahl India Ltd

In preparation for the forthcoming MODEUROP Roundtable & Colour Club Meeting for the Spring Summer 2018 season in New York; 18 Tanners have readied 450 leather/ colour proposals.

These were ‘showcased’ in CSIR-CLRI Shoe & Product Design Centre on Friday, 30th September 2016.
First from LINEAPELLE: a Review of the Trends as seen at LINEAPELLE for the Autumn Winter 17/18 season was released by Dr B Chandrasekaran, Director, CSIR-CLRI to Shri KR Vijayan, Vice President, ISF and Vice Chairman, IFLMEA at the India Fashion Studio, SPDC, CSIR-CLRI on 30th September 2016.

In accordance with the Calendar of Events for the Spring Summer 2018 season, ‘SHOWCASE: a preview of leathers/colours’ for the MODEUROP Spring Summer 2018.

‘Spring Summer 2018 season ’showcased’ at CSIR-CLRI’

ALINA Leathers (17) | Drish Shoes (48) | P A Footwear (49)
ATH Leder Fabrik (35) | Forward Group (17) | Pakkar Exports (28)
AXA Group (20) | Genuine Leathers (06) | Shafeeq Shameel & Co (20)
BASF India Ltd (11) | Good Leather Company (43) | Shoeberry (15)
C Kalyanam (06) | KH Exports (43) | SURA Leathers (23)
Chennai Leather Fashions (20) | Mathi Leathers (10) | TATA International (38)

First from LINEAPELLE: Update on the Trends for the Autumn Winter 17/18 season
The presentation was made by Shri Md Sadiq while Shri K Dayalan demonstrated the MODEUROP Colours for the season. Tanners and Chemical co-sponsors attended the presentation and interactions were held on the leathers/colours for the MODEUROP Spring Summer 2018 season.

MODEUROP goes to New York
The MODEUROP Colour Club Meeting for the Spring Summer 2018 season will be held in New York during 19-22 October 2016 and the Colour Card for the season will be released during November 2016.
INDIAN LEATHER INDUSTRY - STRIDING WITH CONFIDENCE
Shri M Rafeeqe Ahmed, Chairman, Council for Leather Exports at the 24th Annual General meeting of the Indian Shoe Federation spoke on “How the Future of Indian Exports is going to be and our competitors?”

He said that: Generally, the quantum of business has reduced! Competition is high!

He mentioned that he was at the International Footwear Conference in the last week and he observed the data presented by the various members of IFC.

He said he realized that Vietnam is becoming bigger and bigger; but, it is still China that still has the supply chain management that helps them to make/ turn around shoes as quickly as possible. In comparison, Vietnam is lacking because of Leather availability.

He added that the cost of manufacturing had gone up and called for an urgent need for re-engineering of the entire production plant.

He cited the example of Timberland production. Timberland, he said bought 130 million pairs last year; 39% from China, 10% from Cambodia (least developed, zero duty); 3% from Bangladesh and 2% from Thailand.

In the FOB content,
- 17.3 % should be the material cost
- 3.2 US$ labour
- 2.2 US$ packaging

irrespective of the country they buy.

Shri M Rafeeqe Ahmed moved on to cite another example and this time, he mentioned the robotic and automatic technology of ADIDAS

ADIDAS will start making shoes in the USA and Japan in a couple of years by using Robotic Technology he said. There was no stitching absolutely, only assembling.

In such global scenario, how are India and Indian manufacturers geared-up, he asked the audience? He said that India needs to focus on:

1. Materials: Materials and Components that are made in the quickest possible time
2. Supply address: To address the issue of supply chain otherwise, India would never be able to deliver

He continued citing China stating that he remained surprised as to how China is re-designing shoes in a different way: woven shoes, new fibres!

On the TV we see sportswear being promoted.

The bulk of the production of shoes globally is segregated in the categories:
1. Sportswear is Number 1
2. Brown Shoe is Number 2
3. Dress Shoe is Number 3

He said that India was looking at the diminishing category of Footwear.

The reiterated that the whole factory has to be re-designed, re-engineered.

He then moved on to speak about the New Manufacturing Centre.

Ethiopia is emerging as the new manufacturing market. American market is visiting Ethiopia to see possibilities of intervention in Africa.

As of now, 83% of the Footwear is Made in Asia. Nobody talks about India? Out of 2.2 billion pairs produced in India, 95% is consumed in India; only 5% is exported, he exclaimed.

Whereas in China, 56% is consumed inwards and the rest is exported.

Investment in India will happen only when we have Modern Leather and Shoe Parks with good infrastructure and power.
Bangladesh has started a huge and new park outside Dhaka on the borders of Agartala. Vietnam too is creating parks and not staying concentrated.

He requested the Vice Presidents of ISF on dias to call for a brain-storming session; invite foreign experts and discuss on “How we can make it more attractive for brands to come to India.” Each and every member of ISF should participate and DIPP would most willingly support this endeavour he said.

Shri M Rafeeque Ahmed, talking about Government of India programmes, mentioned that the Textile Industry had recently got a good package and that he has requested the Government for a similar package for the Leather Industry. He said that PMO has initiated the process and shortly, say by end of October 2016; a package for the Leather Industry can be expected on the lines of:
• Technology Mission that would focus on Raw material
• Reduction of Excise Duty for Leather Footwear
• Labour packages
• Licences: 3% - 5%
• Branding: amount would be allocated for private brands.
• Footwear Industry towards productivity and skill development

Shri M Rafeeque Ahmed thus concluded his talk.

Shri KR Vijayan, Vice President, ISF made a very thoughtful presentation at the 24th Annual General Meeting of the Indian Shoe Federation held on 26th September 2016 at Hotel Radisson Blu in Chennai. The highlight of his speech is seen below:

We are once again at crossroads, and the seriousness of the global competition is clear for all to see. Undoubtedly, there are opportunities aplenty for the Indian Leather and Leather Product Industry to ring in far reaching changes and seize this opportunity to set up world class facilities and significantly increase our share of the world market.

It is heartening to note that already our manufacturers are striving towards value addition in the backdrop of intensifying competition.

As I stand before you today on behalf of Shri PR Aqeel Ahmed, President, ISF who is unable to join us this day, I would like to share with you some of my thoughts that very briefly outline the path we need to tread to stride forward confidently.

Even though the contribution of the Footwear Sector to the Exports pie is bigger than Finished Leather and other Leather Products; the Sector at large is plagued by concerns that cannot be just done away with:
• The overall export is down to the extent of between 20-25%
• Transportation by Sea is a major deterrent with the lead times. We are often late in our deliveries and we miss out on a season by such delays.

Shri KR Vijayan, Vice president, Indian Shoe Federation
• Owing to this, Eastern Europe is becoming increasingly competitive and a threat to us.
• The product diversification in casual sports category has become very strong and there is very little interest in formal shoes. We need to gear-up with designing and manufacturing for these types of shoes.

Other global issues are:
• BREXIT & Footwear Critical Look: Member exporters are concerned over the falling Pound by about 13-15% and many members are badly affected by BREXIT.
• The US election will be more about the candidates and their personalities than their policy prescriptions. Foreign policy is already being stated as “trigger happy and very unstable.”

On our home front, despite the many friendly ‘Make in India’ initiatives; given the multitude of contentious issues involved in negotiations, it is unrealistic to expect a ‘flawless’ GST. Let us hope that the GST will enhance export competitiveness by comprehensively relieving domestic consumption taxes on exports.

Brand India
For the first time, the MODEUROP Colour Club Meeting will be held in the American soil. The MODEUROP Roundtable and Colour Club Meeting for the Spring Summer 2018 season is slated for 19-23 October 2016 in New York. Many of our member companies have presented their leather/colour proposals for this meeting and we wish them every good-luck. This is a joint endeavour of CLRI, CLE, ISF and IFLMEA.

India International Leather Fair is an important event in India and is marked in the global calendar of every discerning foreign partner. Members companies must endeavour to make IILF 2017, slated for 1-3 February 2017, far more meaningful and beneficial to one and all.

The XXXIV IULTCS Congress 2017 being organised by CLRI in association with ILTA and CLE as India partners is a flagship event slated for 4-7 February 2017 and I urge every member company to participate and benefit from the proceedings.

We, at the Indian Shoe Federation have pioneered and spearheaded many new initiatives over the past year that bears recounting:
• ISF at Design Award 2016: Jury Evaluation, 8th January 2016
• ISF at LERIG 2016
• ISF at IILF 2016, 31 January to 3 February 2016, Chennai Trade Centre
• ISF at 1st Designers Fair 2016, 1-3 February 2016, Hotel Le Meredien

• ISF felicitation to Mr M Mohammed Hashim, 3rd February 2016, Hotel Taj Mount Road
• ISF at UITIC International Technical Footwear Congress 2016, 4-5 February 2016,
• ISF EC Meeting
• Release of advanced colours for Spring Summer 2018 season, 8th July 2016, Hotel Radisson Blu, Chennai
• ISF: joint dissemination programme, 4th August 2016, Hotel Taj Coromandel
• Release of CAD Manual, 4th August 2016, Hotel Taj Coromandel

Expression of sincere gratitude
The ISF Presidency has always striven to make the ISF more relevant and forward looking. Shri Irshad Mecca, Shri N Shafeeq Ahmed, Shri N Mohan and myself have been backing and supporting our President, Shri PQ Aqeel Ahmed, who has so ably managed the affairs of ISF.

We are blessed to receive guidance from Padmashri M Rafeeqe Ahmed, Chairman, CLE and Shri M Mohammed Hashim, Chairman, KH Group for their abiding interest in all activities of the ISF. They have shared their vast experience in helping us take meaningful initiatives which have been useful to the Indian Footwear Fraternity.

Our humble salutations!
On behalf of President, ISF, I wish to thank Dr B Chandrasekaran, Director, CSIR-CLRI for his whole-hearted support and keen interest in the activities of ISF. You have shared your vast experience in helping us take meaningful initiatives which have been useful to the Indian Footwear Fraternity.

Our source of oxygen at ISF has been the CLE and our sincere gratitude to Shri R Ramesh Kumar, IAS the exuberant Executive Director of the Council for Leather Exports who has always been in the forefront of helping our industry grow in leaps and bounds. Sir, ISF records its deep sense of gratitude to you for your support.

The unstinted support and co-operation to ISF from Institutions and Trade Bodies have been overwhelming and it is a pleasure to acknowledge the continuous support and encouragement given to ISF by CLE, CSIR-CLRI, ITPO, IFCOMA, AFMEC, UNIDO, FDDI, CFTI, NIFT, IFLMEA, SISMA, AEDOL, AISHTMA, ILIFO, AFCAMMI, PTA, VTA and SITDA at all times.

As we move forward, it is my duty to thank one and all who have helped us guide the fortunes of the Indian Shoe Federation over the years. It has been an exhilarating journey and we shall forever cherish the pleasant memories.

I once again thank you all for your generous partnership and assure you that the Indian Shoe Federation is poised for greater glory in the period ahead.
Chrome exhaust aid from Proteinous Waste

J.Kanagaraj, R.C.Panda, R.Prasanna & P.Saravanan

- To prepare & apply exhaust aid for the chrome tanning process
- To apply exhaust aid in chrome tanning process
- To improve chrome tanning exhaustion and to reduce the solid wastes of leather processing

“DO HOW AND SHOW HOW”

Commercial scale demonstration of Waterless Chrome Tanning (WLCT) in Kanpur by CSIR-CLRI during 20-22 September 2016
-a proven ‘game changer’-
Mode of Certification

- There are two modes of certification
  - Voluntary submission by the exporters
  - Mandatory certification by samples drawn

- In the case of voluntary submission, the finished leather samples are submitted by the tanners

- In the case of mandatory certification;
  - Samples are drawn by CLRI personnel from ICDs/CFSs/ports in Chennai, Mumbai, Kanpur, Kolkata and Jalandhar
  - Samples drawn by the custom officials at Air Cargo are sent to CLRI for Certification

Process of Certification

- Samples from Chennai, Mumbai, Kanpur, Jalandhar, Kolkata and Tuklagabad ICDs are drawn by CLRI officials in presence of the customs officials at respective centers and brought/sent

- Samples from Air Cargo are sent directly to CLRI by Speed Post

- Samples received at CLRI are assessed / tested / analyzed by Finished Leather Certification committee consisting of Expert Leather Technologists

- Final opinion is arrived collectively by this expert group

- Certificates are prepared

The response time for dispatch of certificates is 24 hours

Norms Under 13 categories, the leathers are assessed:
IFCOMA organized its second Buyers Seller Meet cum Exhibition at Jalandhar on 28th & 29th September-2016. This was the 41st BSM in the series of events conducted by IFCOMA so far. The BSM was conducted at Hotel Kings, GT Road, Jalandhar with the esteem support of Council for Leather Exports, Punjab Leather Federation and Sports Goods Manufacturers & Exporters Association Jalandhar.

The BSM was inaugurated on 28th September by Shri Harbhupinder Singh Nanda, IAS, Commissioner Jalandhar along with Shri JS Paul, President Punjab Leather Federation (PLF) and Shri Ajaya Mahajan, Chairman Sports Goods Manufacturers & Exporters Association (SGMEA) Jalandhar along with Shri Vipin Mahajan, Secretary General of SGMEA and Industrialists from Jalandhar Footwear & Sports Goods Industry.

The BSM was highly appreciated by the Local Industry and they felt that the event will be of immense help to the local manufacturers as they could see the technical upgradation that has taken place in the component Industry. The BSM gave the Industry a wide exposure on newly developed components and machinery.

About 40 companies took part in this BSM and exhibited their products/components during the event. More than 300 Shoe manufacturers from Jalandhar, Ludhiana, Amritsar, Chandigarh and adjoining areas came to the see the exhibition and around 200 artisans were attracted to the two days event. The visitors were highly impressed by the Quality of the Components that were on display and requested IFCOMA to make arrangements on frequent basis so that the Industry is benefitted with the latest developments taking place in the Industry.

Overall the exhibition drew a handsome response and the Jalandhar Footwear manufacturers appreciated the initiative of IFCOMA. PLF & SGMEA supported the cause wholeheartedly and insisted that this event should become an annual affair in the city with more participation from Leather & Sports goods Industry.

**Enzymes for fibre opening**

Enzymes from Aspergillus terreus employed for rapid fibre opening
--Upscaling of production, technology standardization, demonstration in larger scale completed
--Won CSIR Technology award
XXXIV IULTCS CONGRESS
5-8 February 2017, CSIR-CLRI, Chennai, India
www.iultcs2017.org

“Science and Technology for Sustainability of Leather”

INTERNATIONAL UNION OF LEATHER TECHNOLOGISTS AND CHEMISTS SOCIETIES

ORGANIZERS
CSIR-Central Leather Research Institute (CSIR-CLRI)
Indian Leather Technologists’ Association (ILTA)

INDIA PARTNERS
Council for Leather Exports (CLE)
Indian Finished Leather Manufacturers & Exporters Association (IFLMEA)

For further details please contact: Congress Secretariat, CSIR-CLRI, Chennai, India, Email: iultcs2017@clri.res.in