



From the desk of General Secretary

INTERNATIONAL TRAINING WORKSHOP ON EMERGING TRENDS IN MATERIALS, DESIGN, INNOVATION AND INTELLIGENT MANUFACTURING OF FOOTWEAR AND LEATHER PRODUCTS IN DEVELOPING COUNTRIES



The event was organized as a part of the CSIR-CLRI Platinum Jubilee Celebrations on 30 – 31 January' 2022 at the Heritage Hall of CSIR – CLRI, Adyar, Chennai.

The program was jointly organized by the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) and CSIR-Central Leather Research Institute, Chennai with the Co-Sponsorship of Indian Leather Technologists' Association (ILTA) and CSIR – CLRI LERIG Trust.



President, members of Southern Regional Committee of ILTA and attended the two days event and Susanta Mallick. General Secretary, ILTA, attended the event on 31st January.

Scientists, Scholars, Academicians, Industrialists from different parts of India along with Indonesia, Vietnam, Palestine, Myanmar, Sri Lanka, Mauritius, Nigeria, Uganda etc. participated in the event.

30th January' 2023:-

The Inaugural Session of the program started with the Introductory Speech and Welcome Address by **Dr. K. J. Sreeram**, Director, CSIR - CLRI followed by address from **Dr. Amitava Bandopadhyay**, Director General, Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre), New Delhi, **Mr. P.R. Aqeel Ahmed**, Chairman, Leather Sector Skill Council, Chennai, and the Chief Guest of the day and **Mr. N.R. Jagannathan**, President, ILTA (Southern Region), Chennai. The session concluded with the Vote of Thanks offered by **Dr. P. Thanikaivelan**, Chief Scientist, CSIR-CLRI.

Topic of the Technical Session **1** was the **Emerging Scenarios in New Material Innovations**. The session was Chaired by **Mr. V. Muthukumaran** (India) and Co-Chaired by **Mr. Tran Van Vinh** (Vietnam). Following speakers delivered Lectures in this session:-

- a) **Mr. V. Muthukumaran** on 'Emerging Scenarios in New Material Innovations' from India.
- b) **Mr. P.S. Sureshkumar** on 'Using Natural Fabrics as Alternative Materials in Footwear Production' from India.
- c) **Mrs. K. Ambika** on 'Design & Development of Palm Leaf and Leather Combination Products- A New Makeover to Indian Palm Leaf Crafts' from India.
- d) **Mr. Raden Agus Sampurna** on 'Commercialization of Leather Based Technologies' from Indonesia



- e) **Dr. Than Than Aye** on 'Investigation for Preparation of Wild Riding Boots by Foot Wear Recycling Process' from Myanmar.

Topic of the Technical Session 2 was the **Intelligent Manufacturing including Artificial Intelligence and Industry 4.0 Concepts**. The session was Chaired by **Mr. M. Elangovan** (India) and Co-Chaired by **Dr. Jerry Tagang** (Nigeria). Following speakers delivered Lectures in this session: -

- a) **Mr. M. Elangovan** on '3P and IOT in Footwear Industry' from India.
- b) **Mr. Ramesh Subramanian** on 'Intelligent Manufacturing including Artificial Intelligence and Industry 4.0 concepts' from India.
- c) **Dr. D. Suresh Kumar** on 'Automation of Footwear Design & Manufacture Using Sophisticated CAD/CAM Tool' from India.
- d) **Mr. S. Nithyanantha Vasagam** on 'Prediction of India's Leather Footwear Export for the year 2030 in terms of Quantity using Recurrent Neural Network Network based Model' from India.
- e) **Mr. Chikumbi Chungu** on 'Leveraging Open Innovation to Enhance Value Addition in Leather Value Chains: A Case for Zambia', from Zambia.
- f) **Mr. Vishnu Kumar** on 'Towards Next-generation Manufacturing in Footwear Industry' from India.
- g) **Mr. Asem G Abuomar** on 'Leather and Shoes in Palestine-Leather and Shoe Cluster' from Palestine.

31st January' 2023:-

Topic of the Technical Session 3 was the **Trends in the Design of Footwear and Leather Products and Accessories for Fashion and Value Addition**. The session was Chaired by **Dr. Kaustav Sengupta** (India) and Co-Chaired by **Mr. Asem G. Abuomar** (Palestine). Following speakers delivered Lectures in this session: -

- a) **Dr. Kaustav Sengupta** on 'Trends in the Design of Footwear and Leather Products', from India.
- b) **Mr. M. Akshaya Raman** on 'Standardisation of Leather Product Sample Development Process Through Industrial Engineering Techniques', from India.

- c) **Mr. K. Karthikeyan** on 'Additive Manufacturing Driven Fashion Products Design and its Futuristic Applications in Wearable Lifestyle Accessories Exclusively for Footwear Sector', from India.
- d) **Dr. (Mrs.) Anagha Vaidya Soocheta** on 'Eco-Design Modular Flat Pack Travel Shoes' from Mauritius
- e) **Dr. G. Saraswathy** on 'Footwear Based on Person's Gait: Recent Trend in the Design of Footwear' from India.
- f) **Mrs. K. Ambika** on 'Design Interventions for Sustainable Fashion Lifestyle Products – A Case study on Project GOAT by CSIR-CLRI', from India.

Topic of the Technical Session 4 was the **Quality Control, Testing and Standards for Materials in Footwear and Leather Products**. The session was Chaired by **Mr. C Anbu Malar** (India) and Co-Chaired by **Dr. Than Than Aye** (Myanmar). Following speakers delivered Lectures in this session: -

- a) **Mr. C. Anbu Malar** on 'Quality Control, Testing and Standards for Leather in Footwear and Leather Products', from India.
- b) **Mr. C.M. Rajesh** on 'Quality Control in Footwear by Using Best Practices', from India.
- c) **Mr. G. Bharathkumar** on 'Physical Testing Standards for Footwear Components', from India.
- d) **Mr. Tran Van Vinh** and **Mr. Le Quang Tuan** on 'Vietnam's Leather and Footwear Industry: Overview Status Report and Circular Economy Trend' (*Joint Paper*) from Vietnam.
- e) **Mr. Lutalo Richard Bosco** on 'Uganda's Efforts to Support MSMEs in the Leather Sub-sector: The Case of the Technology Innovation and Business Incubation Centre (TIBIC)' from Uganda.

Topic of the Technical Session 5 was the **Ethics, Social Responsibility and Sustainability for the Manufacturing Sectors**. The session was Chaired by **Mr. M. Abdul Wahab** (India) and Co-Chaired by **Dr. (Mrs.) Anagha Vaidya Soocheta** (Mauritius). Following speakers delivered Lectures in this session: -

- a) **Mr. M. Abdul Wahab** on 'Ethics, Social Responsibility and Sustainability for the Manufacturing Sectors', from India.
- b) **Dr. Jerry Tagang** on 'Investigation into Preferred Type of Footwear Out-Sole for People Living with Diabetes', from Nigeria.



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- c) **Mr. Suresh Aluvihara** on 'An Advanced Review on the Impact of the Leather Tannery Waste Materials on the Environment and Mitigation Methods', from Sri Lanka.
- d) **Mr. Geoffery Sempiri** on 'Uganda's Efforts to Support Local Micro, Small, Medium -Scale Enterprises for Footwear and Other Leather Goods' from Uganda.

Concluding Session of the 2 days program started with the **Adoption of Chennai Resolution** followed by Feedback from Participants and distribution of Certificates by Dr. K. J. Sreeram, Susanta Mallick & Amitava Bandyopadhyay. The session came to end with the conclusive remarks offered by **Dr. Amitava Bandopadhyay** and **Dr. K.J. Sreeram**.



4TH PROF. S. S. DUTTA MEMORIAL LECTURE

The 9th Seminar (since 2014 on the occasion of IILF at Chennai) named as the **4th Prof. S. S. Dutta Memorial Lecture** was organized by the Southern Regional committee of Indian Leather Technologists Association (ILTA) in association with CSIR-CLRI, GCELT, ILPA and also Indian Leather & Leather Age magazine as media partners at the Hall-A of Convention Center in the Chennai Trade Center campus on Thursday the 2nd February' 2023 during 36th India International Leather Fair (IILF – 2023).



The following dignitaries were invited on the dais for their respective seats.

1. Mr. N. R. Jagannathan, President, ILTA (SR)
2. Padmashree & Padmabhusan Dr. T. Ramasami, Former Secretary, Department of Science & Technology, Govt. of India.
3. Dr. K. J. Sreeram, Director, CSIR – CLRI & the Speaker of the day
4. Mr. Susanta Mallick, General Secretary, ILTA



The event commenced with garlanding to the portrait of Prof. S. S. Dutta by the dignitaries and the representatives of various Associations, Organizations, Institutes and Industry followed by the Welcome Address delivered by Mr. N. R. Jagannathan. In his address Mr. Jagannathan sincerely remembered the contribution of Late Prof. S. S. Dutta as a teacher of leather technology during his student hood. He welcomed all the dignitaries present who responded ILTA to join hands with the activities and interested to play active role in development of modern Leather Industry. He expressed hope that this way ILTA could be able to remain and develop more relevancies to the industry.



Mr. Mallick in his address remembered Prof. S. S. Dutta as one of the great teachers of Leather Technology in his student hood at GCELT. The book authored by Prof. Dutta titled “An Introduction to the Principals of Leather Manufacture” has been most popular among the different leather institutes throughout the country and ILTA has already printed 2500 copies of this book since its publication around 40 years ago. He remembered the contribution of Prof. Dutta to our beloved association.



Dr. Ramasami in his address very emotionally mentioned that Indian Leather Industry is Indebted to Prof. S. S. Dutta not for only as a stakeholder but also a Devoted Guru to the students of Leather Science & Technology. In this respect he recalled that in his student hood he was keenly interested to get the ‘Student Corner’ through the Journal of Indian Leather Technologists’ Association (JILTA), where Prof. Dutta was a routine author of this segment and was highly useful for the students of leather technology. In relation with this he wholeheartedly praised the Journal (JILTA) for its rapid development. He wished a great success of the program and assured that he would remain a part of ILTA forever, not as a Guest but as a Host.

Thereafter, the name of the students was announced who were nominated for felicitation with Prof. S. S. Dutta Memorial Medal for submitting their projects in M. Tech and B. Tech, Leather and Leather Footwear Technology Examination – 2022 and adjudged as the ‘Best Project’. All the awards were handed over to the awardees by the dignitaries present in the event.

- a) **Mr. Soumajit Das**, M.Tech, Leather Technology, GCELT-Kolkata, project titled “**Hair on Tanning of Rabbit Skin**”
- b) **Ms. Kritika Vagmi**, B.Tech, Leather Technology, GCELT-Kolkata, project titled “**Antifungal screening of Methanolic Extracts : A promising approach towards development of antifungal phytochemicals for leather application**”
- c) **Ms. Sarika Kumari**, M.Tech, Footwear Engineering & Management, Anna University, project titled “**Design & Development of Innovative Footwear from the Waste Emerging from Footwear Industry**”
- d) **Ms. Afreen A, Ms. Ananthi S, & Ms. Azhagu Parvathi K**, B.Tech, Leather Technology, Anna University, project titled “**Manufacture of Playing Cards using Leather**”

Then the names of the three export houses, who would be felicitated by ILTA for securing 1st, 2nd and 3rd places respectively as winner of Best Export Award 2021-22 for their overall export performance in the country as declared by Council for Leather Exports (CLE).

Names of the houses are as follows :

- 1st Place - M/s Feng Tay India – Chennai
- 2nd Place - M/s K. H. Exports (I) Pvt. Ltd., Chennai
- 3rd Place - M/s TATA International, Chennai





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Thereafter, all the dignitaries lead by Dr. T. Ramasami, joined hands to release the 'ILF-2023 Special Issue' of Journal of Indian Leather Technologists' Association (JILTA), February' 2023 and the first copy was handed over by Dr. Sreeram to Dr. Ramasami.



Dr. K. J. Sreeram was then welcomed with a Bouquet and *Angabastam* and invited to the podium for delivering the 4th Prof. S. S. Dutta Memorial Lecture titled "**Technology Roadmap for Indian Leather Sector**". He started his lecture with offering heartfelt homage to Prof. S. S. Dutta and then he expressed his gratitude to ILTA for inviting him to deliver the prestigious Prof. S. S. Dutta Memorial Lecture. The whole audience was mesmerized with his highly informative and contemporary lecture.



At the end of the lecture Dr. Sreeram was honoured with a Memento and Citation by Mr. Susanta Mallick.

Dr. Ramasami, Dr. Sreeram and Mr. Mallick then joined hands for the Curtain Raiser of the "**One Week One Lab**" (OWOL) event to be organized by CSIR – CLRI at Kolkata, Ladakh and Chennai from 2nd to 6th May' 2023. They also unveiled an Event Profile (Brochure) of the program and the first copy of the same was handed over by Dr. Sreeram to Mr. Mallick.



Dr. S. Rajamani, Vice President - SR, ILTA thereafter delivered few words to the audience along with his heartfelt tribute to Prof. S. S. Dutta.



Md. Shoab, Project Associate and Ms. H. K. Sanjana, Project Assistant both from CSIR – CLRI acted as the masters of the ceremony and Ms. Sanjana then offered the Vote of Thanks to the gathering. She on behalf of ILTA offered heartfelt thanks to all the dignitaries present, CSIR-CLRI, GCELT, ILPA as the Co-organizers and to the Indian Leather and Leather Age Magazine as the media partner of the event. She also offered thanks to ITPO and the Event Management group for their all-out support to the event. She concluded her speech with requesting all to join in refreshment arranged outside the seminar hall.

A good audience consisting of around 100 people were present in the audience.

12TH MONI BANERJEE MEMORIAL LECTURE

This is scheduled to be held on Wednesday the 15th March' 2023 at Seminar Hall of Science City, Kolkata. All are invited to participate in the programme. Details report of the programme will be published in the April' 2023 issue of JILTA.



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Indian Leather Technologists' Association

(A Member Society of IULTCS)

12th Prof. Moni Banerjee Memorial Lecture



Prof. Moni Banerjee

The Executive Committee requests the pleasure of your company at
12th Prof. Moni Banerjee Memorial Lecture
at the Seminar Hall of Science City, Kolkata,
on Wednesday, the 15th March, 2023 at 15.00
Hrs. (Registration from 14.30 Hrs.)

Mr. N. Viswanathan,
GM - R&D, Pon Pure Chemical India Pvt. Ltd.,
Chennai
has kindly consented to deliver the prestigious
Prof. Moni Banerjee Memorial Lecture titled
"Acrylic Emulsion Polymers: Science,
Challenges and Future Perspective"



Mr. N. Viswanathan,
GM - R&D,

Pon Pure Chemical
India Pvt. Ltd., Chennai

Arnab Jha
President

Susanta Mallick
General Secretary

(Susanta Mallick)
General Secretary

FEW SNAPSHOTS OF THE 4TH PROF. MONI BANERJEE MEMORIAL LECTURE AT CHENNAI ON 2ND FEBRUARY'2023

Garlanding to the portrait of Prof. S.S. Dutta





Presentation of Prof. S. S. Dutta Memorial Award



RECEIVING PRINTED COPY OF JILTA EVERY MONTH

We have started to post Printed copy of JILTA from April' 2022 to members and all concerned as it was before Covid period. Simultaneously we have been sending the e-copy of JILTA through email also to all the concerned receivers.

If you are not receiving JILTA by Post or through email, may please verify your Postal Address and/or Email Id with our office at the earliest.

PUBLISH YOUR TECHNICAL ARTICLE

Faculties, Research Scholars and students of various Leather Institutes may wish to publish their Research / Project papers in an Article form in this monthly technical journal, JILTA.

Interested author may sent their paper (in MS Word format) along with a PP Photograph and Contact details like Email, Mobile etc. to our email IDs : admin@iltaonleather.org / jiltaeditor@gmail.com

Members are requested to :-

- a) Kindly inform us your '**E-Mail ID**', '**Mobile No**', '**Land Line No**', through E-Mail ID: admin@iltaonleather.org or over Telephone Nos. : 24413429 / 3459. This will help us to communicate you directly without help of any outsiders like Postal Department / Courier etc.
- b) Kindly mention your **Membership No.** (If any) against your each and every communication, so that we can locate you easily in our record.

YOUTUBE CHANNEL & FACEBOOK PAGE OF ILTA

An official **YouTube Channel** namely **ILTA Online** and a **Face Book Page** namely **Indian Leather Technologists' Association** has been launched for sharing the activities of our Association since November' 2020 and July' 2021 respectively.

You may find all the Lives / Video recordings of different Seminar, Symposiums & Webinars on both of these social medias along with our website www.iltaonleather.org time to time.

You are requested to kindly do **Like & Subscribe** the YouTube Channel and "**Follow**" the FaceBook Page to get regular updates on the activities of our Association.

General Secretary and the Members of the Executive Committee are available to interact with members at 18.30 hrs, at our Registered Office on every Thursday