



46th Leather Research Industry Get - Together (LERIG)



27 - 29 January 2012, CSIR-CLRI, Chennai

Main Sponsor:



Council for Leather Exports

INVITATION

SYNERGY PARTNERS

INDUSTRY

AC Tech Leather & Footwear Alumni Association
 Association of Footwear Components, Accessories and Machinery
 Manufacturers of India
 All India Skin and Hide Tanners Merchants Association
 Council for Leather Exports
 India Trade Promotion Organization
 Indian Finished Leather Manufacturers and Exporters Association
 Indian Footwear Components Manufacturers Association
 Indian Leather Garments Association
 Indian Leather Products Association
 Indian Leather Technologists Association
 Indian Shoe Federation
 Leather Chemicals Dealers Association
 Leather Chemicals Manufacturers Association
 South India Shoe manufacturers Association
 Tamilnadu Leather Tanners Exporters and Importers Association

INSTITUTIONS

CSIR Central Leather Research Institute
 CSIR Network Partners
 Central Footwear Training Institute
 Footwear Design & Development Institute
 National Institute of Design
 National Institute of Fashion Technology
 National Skill Development Council

UNIVERSITIES

Anna University
 College of Leather Technology
 Harcourt Butler Technical Institute

CONSORTIUM OF SPONSORS

Main Sponsor	Council for Leather Exports (CLE)
Sponsors	Prime International India Pvt. Ltd. BBK Leathers (P) Ltd. TFL Quinn India Pvt. Ltd. Clariant Chemicals (India) Ltd. Lanxess India Kanna Chemie (P) Ltd. Chenitan Color Chem Pvt. Ltd. Sunshine Corporation Saba Group
Co-Sponsors	Florence Shoe Company Good Leather Company Drish Shoes Limited Nibras & Co Central Footwear Training Institute South India Tanners & Dealers Association (SITDA) Sree Abirami Colours Retchakar Tannins Pvt. Ltd. Fine Chem. Mihir Chemical Industries Pvt. Ltd. Sivtech Technologies
Associate Sponsors	Shafeeq Shameel & Co Pakkar Leather Export Co. T.Abdul Wahid Tanneries Pvt Ltd A.C. Tech Leather & Footwear Alumni Association Leather Chemicals Manufacturers Association (LCMA) Sellam Chemicals Pvt. Ltd. Indian Shoe Federation
Support Sponsors	Gaitonde Shoes Tatia Chemicals



The Leather Sector has been set an ambitious projected target of USD 14 billion to be achieved by 2016-17, growing at a CAGR of 24.03% (by 12th Five Year Plan) ...

Shri M Rafeeqe Ahmed, Chairman,
Council for Leather Exports at the India Leather Summit 2011

LERIG 2012 will enable the Indian Leather Industry prepare for the future challenges in terms of Technology preparedness, growth, competitiveness and increased share in the global trade in the Twelfth Plan period.

Prof Dr AB Mandal, Director, CSIR-CLRI



Fostering LERIG 2012

CSIR-CLRI in association with Council for Leather Exports supported by the various Leather and Leather Products Trade Bodies and Associations, its CSIR Network Partners, Institutions and Universities for Leather and in co-operation with the Indian Leather Industry will host the 46th Leather Research Industry Get-together (LERIG) at CSIR-CLRI during 27th to 29th January 2012.

LERIG 2012 will enable the Indian Leather Industry prepare for the future challenges in terms of Technology preparedness, growth, competitiveness and increased share in the global trade in the Twelfth Plan period.

Through Sessions on:

- **Leather Technology and Environment**
- **Leather Creativity & Design Innovation**
- **HRD for Change and Innovation**

Eminent Speakers from our Industry, from CEMCOT, from TNPCB and the Scientists from CSIR-CLRI will dwell upon **higher priority on effective Environment management and New developments in the field of leather Technology.**

This may be the highest number of demonstrations in the practical Demonstration session at LERIG 2012 – a feast for Technical and Innovative audience of LERIG 2012.

In the session on Leather Creativity & Design Innovation challenges in upgrading leather to meet high-end usage and techniques thereof will be dealt with besides NIFT, CLE Leather Footwear Panel Convenor and Young designers from the Industry speaking on unique designs and creativity.

The last session is on HRD for Change and Innovation where CLRI, FDDI, NIFT, CFTI, NSDC and other Institutions will present a road map on the changing demands of human capabilities in Leather & product sectors. Industry members will also share their needs and experiences in this session.

The Consortium of Sponsors from the Leather Industry has indeed been very magnanimous in their support to LERIG 2012.

With the celebrations of LEATHERWEEK 2012, we will draw curtains on LERIG 2012.

We hope that as part of LERIG 2012, a comprehensive strategy will be evolved for making a road map delineating the path to be traversed by the Institutions during the Twelfth Plan period and achieve the ambitious targets set.

We cordially invite you to foster LERIG 2012, offer your valuable insights and impressions of the path that the Leather Industry needs to traverse during the 12th Five year Plan period and inspire the members of the Indian leather Fraternity. Let us together make LERIG 2012 and LEATHER WEEK 2012 fruitful and meaningful to the Sector.

Padmashri M. Rafeeqe Ahmed
Chairman, Council for Leather Exports

Prof Dr A B Mandal
Director, CSIR-CLRI



Late Prof BM Das

Professor Dr. Dietrich Keschull

is the Chairman of the IGEP Foundation in Gurgaon.

In his present position as chairman Dr.Keschull is continuing the work of IGEP. He is further-on instrumental in improving bilateral trade relations between India and Germany as well as with other EU member states. He mainly assists small and medium sized companies by giving advice for improving their competitiveness and finding partners for joint ventures and other alliances.

Professor Dr. Dietrich Keschull will deliver the **Prof BM Das Memorial Lecture.**



Dr. Dietrich Keschull



Late Prof Y Nayudamma

Dr Baldev Raj,
President, INAE

Dr.Baldev Raj has rendered yeoman service to the Department of Atomic Energy over a forty two year period until 2011. As Distinguished Scientist and Director, Indira Gandhi Centre of Atomic Research, Kalpakkam, he galvanized a whole community of staff, scientists and engineers for advancing several challenging technologies, especially those related to the fast breeder test reactor (FBTR) and the prototype fast breeder reactor (PFBR).

Dr Baldev Raj, President, INAE will deliver the **Prof Y Nayudamma Memorial Lecture.**



Dr Baldev Raj



LERIG 2012: PROGRAMME

Friday, 27 January 2012, B M Das Hall

2.45 pm – 3.30 pm

Press Meet

Friday, 27 January 2012, Triple Helix Auditorium

Chairman: Dr G Thyagarajan, Former Director, CSIR/CLRI

Co-Chair: Shri SK Bhadra, Consultant

Presiding: Prof. Dr A B Mandal, Director, CSIR-CLRI

4.00 pm – 4.45 pm

Prof B M Das Memorial Lecture by **Professor Dr. Dietrich Kobschull**,
Chairman, IGEP Foundation, Gurgaon

4.45 pm – 5.30 pm

Prof Y Nayudamma Memorial Lecture by **Dr Baldev Raj**, President, INAE

Tea: 5.30 pm



LERIG 2012: PROGRAMME

Saturday, 28 January 2012, Triple Helix Auditorium

9.00 am – 10.00 am

Registration of Delegates

Distribution of Awards

- **MODEUROP Awards 2012**
- **CLE's Design Award 2012**
- **Educational Awards 2012**
- **AL Mudaliar Oratorical Awards 2012**

will be presented in the forenoon of 28th January 2012.

PS:

Kindly be seated by 10.15 am. His Excellency, the Governor of Tamil Nadu arrives at 10.30 am



**Prof. Dr A B Mandal, Director & Staff of
CSIR-Central Leather Research Institute**

in association with

All Synergy partners & Stakeholders

cordially invite you to the Inaugural Function of

46th LEATHER RESEARCH-INDUSTRY GET-TOGETHER (LERIG) 2012

Dr K ROSAIAH

His Excellency The Governor of Tamil Nadu

has kindly consented to be the Chief Guest and inaugurate LERIG - 2012

on Saturday, 28th January 2012 at 10.30 am at the Triple Helix Auditorium, CSIR-CLRI, Chennai.

Dr K V Raghavan

Chairman, Research Council, CSIR-CLRI

will preside

Shri M Mohamed Hashim

Doyen of the
Indian Leather Industry

Shri M Rafeeque Ahmed

Chairman,
Council for Leather Exports

Dr G Thyagarajan

Former Director,
CSIR/CLRI

Dr Mebrahtu Meles

Program Director,
ECBP, Ethiopia

Shri P R Aqeel Ahmed

Regional Chairman (SR), CLE

Shri Rajeev Lakhara

Managing Director, FDDI

Dr S Devadoss

Director, NIFT, Chennai

will be the Guests of Honour



LERIG 2012: Session I on “Leather Technology & Environment”

Session sponsored by: Clariant Chemicals (India) Ltd.

Saturday, 28 January 2012, Triple Helix Auditorium; 12 Noon to 2.00 pm

Time	Topic	Speaker
12 Noon – 12.15 pm	Lead Lecture	Shri A Sahasranaman , Vice Chairman, CEMCOT
12.15 pm – 12.45 pm	Expert Talk	Shri CV Sankar , Chairman, TNPCB
		Shri M Mohamed Hashim , Chairman, KH Group
		Shri O K Kaul , Executive Director, TATA international
		Shri T Rafeeq Ahmed , Chairman, TAW Group
		Shri PM Yousuff , Managing Director, HIJAZ Leathers
		Shri R.Kumaresan , Head-Leather Business, Clariant Chemicals
12.45 pm – 01.00 pm	Zero Liquid Discharge technology – Alternative Options	Dr NK Chandrababu , Chief Scientist & Head, CSIR-CLRI Leather Process Division
01.00 pm – 1.15 pm	Salt free, zero emission chrome tanning technology	Dr C Muralidharan , Senior Principal Scientist & Head, CSIR-CLRI EXCEL Laboratory Shri Sayeed Ahmed Pakkar, Managing Partner, Pakkar Leathers
01.15 pm – 01.30 pm	Wealth from solid wastes	Dr G Sekaran , Chief Scientist & Head, CSIR-CLRI Environment Technology
01.30 pm – 01.45 pm	Clean Leather Processes – Techno-economic and regulatory driving forces	Dr KV Raghavan , Chairman, Research Council, CSIR-CLRI
01.45 pm – 02.00 pm	Steering deliberations, Q & A and Summary on Session I	Dr KV Raghavan , Chairman, Research Council, CSIR-CLRI Dr KJ Sreeram , Principal Scientist

Lunch: 2.00 PM – 2.30 pm



LERIG 2012: Session II “Practical Demonstration”

Saturday, 28 January 2012, Tannery Quadrangle, CSIR-CLRI; 2.30 pm to 4.00 pm

Chairman: Shri V P Naimur Rahman, Vice Chairman, IFLMEA

Co-Chair: Shri C S Gnanasekaran

Co-Chair: Shri Cr Mohan, Secretary, LCMA

Co-Chair: Shri Praveen J Tatia, Secretary, LCDA

Presiding: Prof. Dr A B Mandal, Director, CSIR-CLRI

DEMONSTRATION OF INNOVATIVE TEXTURE DEVELOPMENTS AND SURFACE MODIFICATIONS.	Leather Design Department of NIFT, Chennai.
X-Tan wet white process based on Polycarbamoylsulfonate	LANXESS INDIA
Demonstration of Leather upgradation techniques	SELLAM CHEMICALS
Range of Chemicals from Zschimmer & Schwarz GmbH & co kg”,Germany.” And Langro Chemie Theo Lang GmbH”,Germany.	Kanna Chemie (P) Ltd.
Demonstration of Leather Articles and Colours	Chenitan Color Chem Pvt Ltd
Leather Finishing and Footwear Finishing Chemicals	Saba Group
Range of New Leathers	Sunshine Corporation
Leather Chemicals and Finished Leather	Retchakar Tannins Pvt. Ltd.
Leather Chemicals	Sree Abirami Colours
Demonstration of New Leathers & Chemicals	Fine Chem



“Practical Demonstration” (contd)

Demonstration of New Leathers & Chemicals	Mihir Chemical Industries Pvt. Ltd.
Unique designs and combo materials based on ethnic North-East motifs	Shri K Karthikeyan Scientist CLAD, Department, CSIR-CLRI
Bio-refinery pilot plant for the sequential production of bio-diesel, bio-ethanol, bio-hydrogen and bio-methane from organic liquid and solid wastes to attain ZLD/ZSD	Dr.P.Shanmugam Principal Scientist Environmental Engineering Department CSIR-CLRI
Automated software for managing consumables and chemicals in a Tannery.	Smt Malathy Jawahar , Senior Scientist, Leather Process Division, CSIR-CLRI & Shri S Nithyanantha Vasagam , Scientist, Economics Research Laboratory
Kolhapuri Footwear	Shri S Mathivanan Senior Principal Scientist SDDC, CSIR-CLRI



LERIG 2012: Session III on “Leather Creativity & Design Innovation”

Sunday, 29 January 2012, Triple Helix Auditorium; 10.00 am to 11.45 am

Time	Topic	Speakers
10.00 am – 10.30 am	Introductory Remarks	Shri P R Aqeel Ahmed , Regional Chairman (SR), Council for Leather Exports Shri N Shafeeq Ahmed , Chairman, Indian Finished Leather Manufacturers & Exporters Association Shri Motilal Sethi , President, Indian Leather Garments Association Dr S Devadoss , Director, National Institute of Fashion Technology, Chennai Shri K Srinivasan , Convenor, Finished leather Panel, Council for leather Exports Shri SV Kumar , Vice President, Indian Shoe Federation
10.30 am – 10.45 am	High-end leather processing	Mr Tim Amos , Managing Director, STAHL India Limited, Chennai Dr J Raghava Rao , Senior Principal Scientist, Chemical Lab, CSIR-CLRI
10.45 am – 11.05 am	Unique Designs for best value from medium and low priced products	Shri PV Gopalakrishna Bachi , Convenor, Leather Footwear Panel, Council for Leather Exports Smt Shinju Mahajan , Chairperson, Leather Design, National Institute of Fashion Technology, New Delhi Ms Sumitra Roy , Director, TERRA Handbags
11.05 am – 11.20 am	Fashion / Design Incubators – Recent Developments & New Opportunities	Mrs Shalini Sud , Professor, Head CE-Diploma, Corporate Communication Cell
11.20 am – 11.30 am	Steering Deliberations, Q & A and Summary on Session II	Dr BN Das , Senior Principal Scientist & Head, CSIR-CLRI Shoe Design & Development Centre Shri Gautham Gopalakrishna , Senior Principal Scientist, CSIR-CLRI Shoe Design & Development Centre

Tea: 11.30 am – 11.45 am



LERIG 2012: Session IV on “HRD For Change and Innovation”

Sunday, 29 January 2012, Triple Helix Auditorium; 12 Noon to 01.00 pm

Time	Topic	Speakers
11.45 am – 12.10 pm	Introductory Remarks	Shri Habib Hussain , Chairman, NSDC & Director, AV Thomas Group Dr KV Raghavan , Chairman, Research council, CSIR-CLRI Smt Revathi Roy , Managing Director, RR Leather Products P. Ltd. Dr AB Mandal , Director, CSIR-CLRI Mr Ato Wondu Legesse , Director General Leather Industry Development Institute (LIDI)
12.10 pm – 12.20 pm	Changing Demands of Human Capabilities in Leather & Product Sectors	Shri Mohan M Sreenivas , Managing Director, ORIENT Express Shri M S Khaleel Lur Rahman , Managing Director, NIBRAS & Co
12.20 pm – 12.35 pm	Knowledge Sharing – A new Inter-institutional HRD Gateway	Dr B Chandrasekaran , Senior Principal Scientist & Head, CHORD, CSIR-CLRI Shri D Saalai Maraan , Executive Director, Footwear Design & Development Institute (FDDI)
12.35 pm – 12.45 pm	Developing Effective Public – Private Platforms for Talent Search	Shri Intisar M Mohammed , Youth Committe member, CLE & Director, Shafeeq Shameel Group
12.45 pm – 12.55 pm	Experiences from Chennai Cluster	Shri D M Parikh , Associate Senior Faculty, Entrepreneurship Development Institute of India
12.55 pm – 1.00 pm	Steering Deliberations Q & A and Summary on Session III	Dr B Chandrasekaran , Senior Principal Scientist & Head, CHORD, CSIR-CLRI Smt Swarna Kanth , Principal Scientist, CHORD



CLASPING LERIG 2012,

1.00 pm to 1.30 pm; Triple Helix Auditorium

Time	Topic	Speakers
1.00 pm – 1.15 pm	Clasping LERIG 2012: Industry Views & Way Forward	Shri Ali Ahmed Khan , Executive Director, Council for Leather Exports
1.15 pm – 1.30 pm	Clasping LERIG 2012: Role of Institutions & Way Forward	Shri D Chandramouli , Chief Scientist, CSIR-CLRI

THANKSGIVING CEREMONY & CELEBRATING “LEATHERWEEK 2012,”

1.30 pm to 2.00 pm, Ascent of Triple Helix Auditorium



Release of Balloons & Welcome to 27th India International Leather Fair (IILF) 2012

2.00 pm – 2.30 pm: LUNCH



Caterers For Lerig 2012



Bankers For Lerig 2012



Printers For Lerig 2012



LEATHER
NEWS
INDIA

Media Partner for LERIG 2012

LEATHERWEEK 2012 'Seminar Day' on Monday, 30th January 2012; 10.00 am to 5.00 pm organized by:
ITPO, CLE & CSIR-CLRI. For further details, please contact: bnas@clri.res.in

INCREDIBLE SPEAKERS, UNFORGETTABLE CONVERSATIONS



Dr G Thyagarajan



Dr KV Raghavan



Prof Dr AB Mandal



Shri M M Hashim



Padmashri M Rafeeqe
Ahmed



Shri PR Aqeel Ahmed



Shri Habib Hussain



Shri T Rafeeq Ahmed



Shri A Sahasranaman



Shri Ali Ahmed Khan



Dr Dietrich Kepschull



Dr Baldev Raj



Shri Rajeev Lakhara



Dr D Devadoss



Shri OK Kaul



Shri Mohan M Sreenivas



Shri SK Bhadra



Shri N Shafeeq Ahmed



Shri SV Kumar



Shri PV Gopalakrishna
Bachi



Shri K Srinivasan



Shri Motilal Sethi



Shri VP Naimur Rahman



Shri CS Gnanasekaran



Smt Revathi Roy



Shri Sayeed Ahmed
Pakkar



Shri P M Yousuff



Shri M S Khaleel Lur Rahman



Ms Sumitra Roy



Shri Intisar M Mohammed



Dr Mebrahtu Meles



Mr Ato Wondu Legesse

INCREDIBLE SPEAKERS, UNFORGETTABLE CONVERSATIONS



Smt Shalini Sud



Smt Shinju Mahajan



Shri P Senthilnathan



Shri D Saalai Maraan



Shri DM Parikh



Shri Tim Amos



Shri CR Mohan



Shri.C.V.Shankar



Shri K Ramesh



Shri K Raghu



Praveen J Tatia



P Gopalakrishnan



Shri CT Muthupalaniappan



Shri Kirti Jain



Shri S Kamalakannan



Shri J.Arun



Shri D Chandramouli



Dr N K Chandrababu



Dr G Sekaran



Dr B N Das



Dr C Muralidharan



Dr B Chandrasekaran



Dr J Raghava Rao



Dr Swarna Kanth



Smt Malathy Jawahar



Shri S Mathivanan



Shri K Karthikeyan



Shri S Nithyanantha
Vasagam



Dr P Shanmugam



Shri Jawaaharlal Sharma

FROM THE CONVENORS, LERIG 2012



Gautham G



K J Sreeram



J Kanakaraj



Sri Balakameswari



K Srinivasan



Md Sadiq

The Convenors record their deep sense of gratitude for the expression of faith reposed in their abilities to conduct the Leather Research-Industry Get-together (LERIG) this year. It has been a privilege and honour to put together this event and even though the task was onerous and challenging, it was one of sheer joy and pleasure. We remain inspired by our Research Council Chairman, Dr KV Raghavan; our Director, Prof Dr AB Mandal, Shri D Chandramouli, Chief Scientist & Principal patron, all our Patrons: Dr NK Chandrababu, Dr G Sekaran, Dr BN Das, Dr C Muralidharan, Dr B Chandrasekaran and Dr J Raghava Rao for their guidance and support at every step of our journey. We also wish to sincerely acknowledge the help and inputs received from the Council for Leather Exports, the various trade bodies and institutions like FDDI, NIFT, CFTI and all our well wishers, friends and colleagues and thank them graciously



K Dayalan



D Suresh Kumar



E Paneerselvam



B Hema



Md Rizwan



Smt R Saraswathi

Looking forward to a useful and meaningful LERIG 2012!

**For further details, please contact:
The Convenors, LERIG 2012, CSIR-CLRI Shoe Design & Development Centre**

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