

2020-21
53rd ANNUAL
REPORT



ELCINA Awards Winners for 2019-20



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President Communicates with Members

On the occasion of ELCINA's Annual Day on 24th September 2021, President Mr. Paresh Vasani heartily welcomes Members and shares his thoughts...

FOREWORD



I convey my sincere thanks to my colleagues on the Executive Committee for the confidence they reposed in me to lead this premier association for the year 2020-21. The year was indeed distinct from any other experienced so far as it changed a lot of things from how we do business to how do we live our day to day lives. Every aspect of our life has changed dramatically, posing new challenges and providing new opportunities.

It is my privilege and pleasure to present ELCINA's Annual Report for 2020-21

The second wave of Covid has hit India hard beginning as early as March 2021 and has posed a serious challenge causing loss of life and economic and

social stress. Once again there has been disruption of supplies from overseas and in domestic production, though by God's grace the economic impact has been less severe than last year, and things are beginning to improve.

ELCINA which was established in 1967 completing 54 years of service to the Electronics Manufacturing industry. Over the last decade, ELCINA has widened its spectrum of services to serve all segments of the Electronics Manufacturing value chain, from raw materials and components to EMS and Finished Equipment. This year we have decided to give special focus to Micro and Small Industries and have created a special forum for this activity under the name and style of Micro & Small Industries Forum (MSIF).

ELCINA's focus remains on promoting value-added electronics manufacturing and has given due importance to promotion of Research and Development, Innovation and Skill Development to enhance the competitiveness of our Industry. We implement these objectives through our annual business promotion initiatives. This year almost all events and industry programs were organised virtually as webinars which is a new learning for ELCINA and for our members too, learning to interact virtually and share thoughts and ideas on online forums.

Under the National Policy for Electronics 2019 (NPE 2019), there is currently special focus on Production Linked Incentive Schemes which are attracting investments in manufacturing of Mobiles, Components, IT Products, Telecom Products and Consumer Appliances such as LED Lights and Air conditioners. After release of ELCINA's Component Task Force (CTF) Report, we constituted an EMS Task Force (ETF) and released a comprehensive report on the EMS and PCBA sector. This sector provides a huge opportunity for our electronics manufacturing sector. The ETF was constituted by industry experts and government officials and its findings revealed that the EMS & PCBA sector alone currently has a huge potential of US\$ 39 Bn and additional US\$ 17Bn imported as part of finished goods. Of this US\$ 56 Bn, only US\$ 23.5 Bn was manufactured domestically, and this segment alone would expand to US\$ 152 Bn EMS+PCBA industry by 2025, at a CAGR of 45%.

India needs to strengthen its electronics eco-system and reduce our current excessive dependence of imports, largely of course from China. India imports about US\$ 60 Bn worth of electronics and over 50% of the same is sourced from China. ELCINA has been striving to reduce this dependence through our business promotion activities and by supporting our members in obtaining benefits of promotional Schemes such as SPECS and PLI.

We are continuing to strengthen our collaboration with Industry Associations and industry support organisations such as Institute for Information Industry in Taiwan. We also interact continuously with likeminded associations in Korea, Japan, and Europe where there is considerable business opportunity for our industry. Our focus is on continuous interaction and to promote new partnerships and joint ventures with our members.

Among other key initiatives this year, are increased regional activities and ELCINA's Regional Committees in South, West and North India have actively started meeting and engaging with members to support their growth and provide clarifications on policies and promotional schemes.

This year we have taken the initiative to be active on social media. A dedicated team has been hired for this purpose and regular updates are being posted on our social media handles. We have successfully reached out to a much larger industry network through this initiative.

I am delighted to share that this year we have added record 31 new members which is a very encouraging achievement. I thank our member colleagues who have supported this growth. I am quite confident that soon we will reach our targeted benchmark of 500 members and continue to work on increasing our membership base even further which vital for the industry. Considering the current expansion of ESDM Sector, even a membership base of 1000 looks achievable in next 3-4 years. Credit goes to existing members who spread the message of ELCINA to their peers and to the ELCINA Secretariat which worked hard to meet the expectations of members.

I take this opportunity to convey my special thanks to officials of MeitY, DPIIT, Finance, Telecom and other Ministries who have supported our efforts in serving the ESDM sector of India.

Going forward, I will continue to contribute to ELCINA activities & pledge my support to the Association.

With best wishes and warm personal regards,

A handwritten signature in black ink, appearing to read 'Paresh Vasani'.

Paresh Vasani
President

Highlights of Activities & Events during the Year

ELCINA Activity Update September 2020 to August 2021

1. 11th Source India – Electronics Supply Chain – Virtual Edition held on 9th & 10th Sept. 2020
2. ELCINA AGM on 25th Sept. 2020
3. Webinar on "Semiconductor Technology & Manufacturing - Concepts & Practice" on 1st & 9th Oct. 2020
4. Webinar on "De-Coding the Labour Codes" on 14th Oct. 2020
5. Webinar on "ESDM Policy Developments & EV Eco System" on 20th Nov. 2020
6. CEO Forum "Preparing for a Global ESDM Footprint" @ electronica India 2020 on 9th Dec. 2020
7. India PCB Tech Conference "The Indian PCB Manufacturing Industry - Need to Power-up" @ electronica India 2020 on 10th Dec. 2020
8. ELCINA Annual Awards 2020 on 11th Dec. 2020
9. Webinar on "NCFlexE -Enabling Printable Electronics Manufacturing in India" on 23rd Dec. 2020
10. Webinar on "RoDTEP & Changes in IGCR Rule - Background, Eligibility and Implementation" on 23rd Feb. 2021
11. Interactive Session for ELCINA MSMEs Members for Collateral Free Loans under CGTMSE Scheme 26th Feb. 2021
12. ELCINA Western Region Member Mixer on 10th March, 2021
13. ELCINA Southern Region Member Mixer on 23rd March, 2021
14. Webinar on "Semiconductor Manufacturing Wide-Band GAP/MEMS Semiconductor" on 25th March, 2021
15. Enabling Printable Electronics Manufacturing in India (Part 2) on 9th April, 2021
16. ELCINA Western Region Meeting on 3rd June, 2021
17. India Taiwan Electronics Cooperation Meet "Opportunities in Indian EV's Market and Battery Technology to Power the EV Industry" on 25th June, 2021
18. ELCINA Southern Region Webinar "Roadmap for Components in Automotive Electronics" on 23rd July, 2021
19. India - Taiwan Electronics Meets on "Semiconductor, Power Electronic Devices and IC Packaging" 20th August, 2021

Policy Scan & Major Policy Action by ELCINA

Highlights of Union Budget 2020-21 - Proposals for Industry

- Industry, Commerce, and Investment
 - Rs. 27,300 crores allocated for 2020-21 for development and promotion of Industry and Commerce.
 - Investment Clearance Cell proposed to be set up:
 - to provide "end to end" facilitation and support.
 - to work through a portal.
 - Five new smart cities proposed to be developed.
 - Scheme to encourage manufacture of mobile phones, electronic equipment and semi-conductor packaging proposed.

New Economy

- To take advantage of new technologies:
 - Policy to enable private sector to build Data Centre parks throughout the country to be brought out soon.
 - Rs.6000 crore proposed for Bharatnet programme in 2020-21.
- Rs.8000 crore proposed over five years for National Mission on Quantum Technologies and Applications.
- **Start-ups:**
 - Start-ups with turnover up to Rs. 100 crores to enjoy 100% deduction for 3 consecutive assessment years out of 10 years.
 - Tax payment on ESOPs deferred.
- Tax concession for foreign investments:
 - 100% tax exemption to the interest, dividend and capital gains income on investment made in infrastructure and priority sectors before 31st March 2024 with a minimum lock-in period of 3 years by the Sovereign Wealth Fund of foreign governments.

Education and Skills

- Rs. 99,300 crores for education sector and Rs. 3000 crores for skill development in 2020-21.
- New Education Policy to be announced soon.
- **National Police University and National Forensic Science University** proposed for policing science, forensic science, and cyber-forensics.
- Degree level full-fledged online education program by Top-100 institutions in the National Institutional Ranking Framework.

Custom Duty: Union Budget 2020-21 (Electronics Chapter 84 & 85)

S.No	Item	HS Codes	Previous BCD (%)	Revised BCD (%)	Custom Notification
1.	Vibrator Motor / Ringer for use in manufacture of cellular mobile phones	85177090	NIL	10 (Applicable from 1/04/2020)	Vide Custom Notification 02/2020 dated 02.02.2020 (Amending the principal notification No.57/2017-Customs, dated 30.06.2017 by inserting S.No 5C and deleting S.No 6, item (vi)).
2.	Inputs, parts, sub-parts for use in manufacture of items mentioned at S.No 1 above	Any Chapter	Applicable	NIL (Applicable from 1/04/2020)	Vide Custom Notification 02/2020 dated 02.02.2020 (Amending the principal notification No.57/2017-Customs, dated 30.06.2017 by inserting S.No 5C and deleting S.No 6).
3.	PCBA's for the manufacture of mobile Phones	85177010	10	20 (Applicable from 1/04/2020)	20% vide Finance Bill, Clause-115 (a) 10% upto 31 st March - Amending the principal notification No.57/2017-Customs, dated 30.06.2017 by inserting S.No 21). Note: All PCBA in 85177010 at 20% now for manufacture of all goods heading 8517 which covers telecom goods besides mobiles.
4	Display Assembly for use in manufacture of cellular mobile phones	85177090	NIL	10 (Applicable from 1/10/2020)	Vide Custom Notification 02/2020 dated 02.02.2020. (Amending the principal notification No.57/2017-Customs, dated 30.06.2017 by inserting S.No 5D).
5	Inputs, parts, sub-parts for use in manufacture of items mentioned at S.No 4 above	Any Chapter	Applicable	NIL (Applicable from 1/10/2020)	Vide Custom Notification 02/2020 dated 02.02.2020. (Amending the principal notification No.57/2017-Customs, dated 30.06.2017 by inserting S.No 5D).
6	Touch Panel/ Cover Glass Assembly for use in manufacture of cellular mobile phones	85177090	NIL	10 Applicable from 1/10/2020	Vide Custom Notification 02/2020 dated 02.02.2020. (Amending the principal notification No.57/2017-Customs, dated 30.06.2017 by inserting S.No 5E)
7	Inputs, parts, sub-parts for use in manufacture of items mentioned at S.No 6 above	Any Chapter	Applicable	NIL Applicable from 1/10/2020	Vide Custom Notification 02/2020 dated 02.02.2020. (Amending the principal notification No.57/2017-Customs, dated 30.06.2017 by inserting S.No 5E).

S.No	Item	HS Codes	Previous BCD (%)	Revised BCD (%)	Custom Notification
8	Fingerprint reader/Scanner for Mobile Phones	8517 7090	NIL	15	<p>Vide Custom Notification 02/2020 dated 02.02.2020.</p> <p>Amending the notification No.50/2017-Customs, dated 30.06.2017 by amending item (ii) in S.No 468 as “Fingerprint reader/ Scanner other than Fingerprint reader/ Scanner used in manufacturing of mobile phones”).</p> <p>Note: Fingerprint reader/ Scanner for uses other than mobile phones such as POS devices etc. continues at zero.</p>
9	Inputs/ parts for Fingerprint reader/Scanner	Any Chapter	NIL	NIL	<p>Vide Custom Notification 02/2020 dated 02.02.2020</p> <p>(Amending the principal notification No.57/2017-Customs, dated 30.06.2017 by inserting (xxxi) in S.No 7).</p>
10	Specified parts of Microphone – (Microphone Cartridge; Microphone Holder; Microphone Grill; and Microphone Body)	8518	Applicable	NIL (exempted subject to actual user condition)	<p>Vide Custom Notification 01/2020 dated 02.02.2020.</p> <p>(Amending the notification No.50/2017-Customs, dated 30.06.2017 by amending S.No 489B by exempting parts – Microphone Cartridge, Microphone Holder, Microphone Grill, Microphone Body).</p>
11	Headphones & Earphones	85183000	Applicable	15	<p>Vide Custom Notification 02/2020 dated 02.02.2020</p> <p>(Amending the principal notification No.57/2017-Customs, dated 30.06.2017 S.No 18 as “All goods other than the following parts of cellular mobile phones, namely: (i) Microphone; and (ii) Receiver”.</p> <p><i>Note: Till now, only headsets of cellular mobile phone falling under tariff item 8518 30 00 were attracting 15% BCD. Now, all items of tariff item 8518 30 00 shall attract 15% BCD.</i></p>
12	Chargers/Power Adapters [except those covered in Information Technology Agreement-I]	850440	Applicable-NIL/10%/ 15%	20	<p>Vide Finance Bill, Clause-115 (b)</p> <p>All goods other than Charger/ Adaptor falling under sub-heading 8504 40 continues at 10% vide Notification 02/2020 dated 02.02.2020 and amending the</p>

S.No	Item	HS Codes	Previous BCD (%)	Revised BCD (%)	Custom Notification
					notification No.50/2017-Customs, dated 30.06.2017 by amending S.No 13 as "All goods other than charger or power adapter".
13	Open Cells of television sets	85299030	Exempted	Exemption extended	Vide Finance Bill, Clause-115 (b) Vide Custom Notification 10/2020 dated 02.02.2020 HS code 8529 9090 has accordingly split to create a new HS code for open cell 85299030. Consequential amendments in other notifications including FTA are also being done to maintain existing BCD exemptions on Open cell of television set vide notification No. 10/2020, dated the 2nd February, 2020.
14	Micro Fuse Base , Sub-miniature Fuse base and Micro Fuse Cover, Sub-miniature Fuse cover for use in the manufacture of Micro Fuse and Sub-Miniature Fuse, subject to actual user condition.	8538	5	NIL	Vide Custom Notification 05/2020 dated 02.02.2020 (Amending, the principal notification No.25/99-Customs, dated 28.02.1999, S. No. 190, inserting "Micro Fuse Base, Sub-Miniature Fuse Base, Micro Fuse Cover, Sub-Miniature Fuse Cover".
15	Inputs for manufacturing of Connectors (HS 85369090) : Poly Ester LCP	3907 9990	5	NIL	Vide Custom Notification 05/2020 dated 02.02.2020 (Amending, the principal notification No.25/99-Customs, dated 28.02.1999, S. No. 225, inserting Poly Ester LCP (HS 39079990) along with 3908 90 90 Liquid Crystal Polymer (LCP).
16	Colour television picture tubes for use in the manufacture of cathode ray televisions	854011	NIL	10	Vide Custom Notification 05/2020 dated 02.02.2020 (Amending the notification No.50/2017-Customs, dated 30.06.2017 by omitting S.No 515).
17	MP3/MP4/MPEG4 Players with or without radio or video reception	Applicable	5	10	Vide Custom Notification 01/2020 dated 02.02.2020. (Amending the notification No.50/2017-Customs, dated 30.06.2017 by omitting S.No 474).
18	All goods (DC Motors & AC Motors) (except HS Codes: 85016470, 85016480)	8501	7.5%	10%	Vide Custom Notification 01/2020 dated 02.02.2020. (Amending the notification No.50/2017-Customs, dated 30.06.2017 by omitting S.No 486).
19	Parts for the manufacture of Printers falling under sub-heading 8443 32 except 8443 9951, 8443 9952 (ink Cartridge) and 8443 9953 (Ink spay nozzle)	8443 32	Exempted	Exemption extended	Vide Custom Notification 01/2020 dated 02.02.2020. (Amending the notification No.50/2017-Customs, dated 30.06.2017 by omitting S.No 459). Exemption extended as provision already under notification 24/2005

S.No	Item	HS Codes	Previous BCD (%)	Revised BCD (%)	Custom Notification
					dated 01.03.2005 under S.No 2A to 2F).
20	Copper & Articles thereof for the manufacture of ITA-1 Items (as mentioned under Cust. Notif.no. 24/2005 and 25/2005)	Chap. 74	NIL	7.5	Vide Custom Notification 07/2020 dated 02.02.2020 and 06/2020 dated 02.02.2020. Amending notification No. 24/2005-Customs, dated the 1st March, 2005 so as to exclude copper and articles thereof from the exemption provided to raw materials use for manufacturing of ITA goods specified therein the notification. Amending notification No. 25/2005-Customs, dated the 1st March, 2005 so as to exclude copper and articles thereof from the exemption provided to raw materials use for manufacturing of ITA goods specified therein the notification.
21	Calendared Plastic sheet for the manufacture of Smart Cards (HSC 8523)	39201099	NIL	5	Vide Custom Notification 01/2020 dated 02.02.2020.
22	Parts, Components and accessories for the manufacture of Broadband Modem	85176230	NIL	NIL*	Vide Custom Notification 01/2020 dated 02.02.2020. (Amending the principal notification No.50/2017-Customs, dated 30.06.2017, S.No 506) *(Only PCBA's & Chargers/Adapters are excluded thereby imposing 10% BCD on them)
23	Parts, Components and accessories for the manufacture of Routers (OTHER than PCBA's & Chargers & Adapters)	85176290	NIL	NIL*	Vide Custom Notification 01/2020 dated 02.02.2020 (Amending the principal notification No.50/2017-Customs, dated 30.06.2017, S.No 507). *(Only PCBA's & Chargers/Adapters are excluded thereby imposing 10% BCD on them)
24	Parts, Components and accessories for the manufacture of Set Top Boxes for Internet (OTHER than PCBA's & Chargers & Adapters)	85176960	NIL	NIL*	Vide Custom Notification 01/2020 dated 02.02.2020. (Amending the principal notification No.50/2017-Customs, dated 30.06.2017, S.No 508). *(Only PCBA's & Chargers/Adapters are excluded thereby imposing 10% BCD on them)
25	Parts, Components and accessories for the manufacture of Reception apparatus for TV's	85287100	NIL	NIL*	Vide Custom Notification 01/2020 dated 02.02.2020 (Amending the principal notification No.50/2017-Customs, dated 30.06.2017, S.No 510). *(Only PCBA's & Chargers/Adapters are excluded thereby imposing 10% BCD on

S.No	Item	HS Codes	Previous BCD (%)	Revised BCD (%)	Custom Notification
					<i>them)</i>
26	PCBA's of following goods, namely:- (a) Base station; (b) Optical transport equipment; (c) Combination of one or more of Packet Optical Transport Product or Switch (POTP or POTS); (d) Optical Transport Network (OTN) etc.	Applicable	Applicable	10	Vide Custom Notification 02/2020 dated 02.02.2020.
27	Inputs/ goods required for manufacture of Optical disk drives(ODD), namely:- (i) Pick up assembly (ii) Digital signature procession integrated circuit etc.	84 or any other Chapter	NIL	Applicable	Vide Custom Notification 01/2020 dated 02.02.2020. (Amending the notification No.50/2017-Customs, dated 30.06.2017 by omitting S.No 447).
28	CD –Writers	8471	Exempted	Exemption extended	Vide Custom Notification 01/2020 dated 02.02.2020. (Amending the notification No.50/2017-Customs, dated 30.06.2017 by omitting S.No 465). Exemption extended as provision already under notification 24/2005 dated 01.03.2005 under S.No 8).
29	Parts & Assemblies for Electric Vehicles	Applicable	NIL	15 to 40	Vide Custom Notification 01/2020 dated 02.02.2020.
30	Water Heaters, Dryers, Smoothing Iron, Coffee/Tea maker, toaster etc.	8506	10	20	Vide Finance Bill, Clause-115 (a)
31	Compressors of Refrigerators	84143000	10	12.5	Vide Finance Bill, Clause-115 (a)
32	Compressors of AC's	84148011	10	12.5	Vide Finance Bill, Clause-115 (a)
33	Gold Metal	Chap. 71	NIL	Applicable	Vide Custom Notification 05/2020 dated 02.02.2020. Amending notification No. 25/99-Customs dated 28th February. 1999 so as to withdraw BCD exemption on Gold used in manufacture of semi-conductor devices or light emitting diode.
34	Solar Cells (Not Assembled)	85414011	NIL	20	Tariff rate increased vide Custom Notification 01/2020 dated 02.02.2020 , Finance Bill, Clause-115 (b). Note: Solar Cells, whether or not assembled in modules classified under 8541 4011 attract NIL BCD and exemption continues.
35	Solar Cells (Assembled in module or made up into panel)	85414012	NIL	20	Tariff rate increased vide Custom Notification 01/2020 dated 02.02.2020 Finance Bill, Clause-115 (b).

S.No	Item	HS Codes	Previous BCD (%)	Revised BCD (%)	Custom Notification
					Note: Solar Cells, whether or not assembled in modules classified under 8541 4011 attract NIL BCD and exemption continues.
36	Food Grinders & mixers (except parts under 8509 9000)	8509	10	20	Vide Finance Bill, Clause-115 (a)
37	Social Welfare Surcharge (SWS)	All chapters of 84, 85 and 90	Exemption from SWS on specified items of Chapter 85 under entries at S. No. 1, 11, 13, 14, 17, 21 to 45 and 51 of the.	Entire Chapters 84, 85 and 90 will now be liable to SWS at the rate of 10% of BCD	<p>The exemption from SWS on the said items of Chapter 85 is being withdrawn by omitting said entries. [Notification No. 11/2018-Customs, dated 2nd February, 2018, as amended vide notification No.9 /2020, dated 2nd February, 2020 refers]. Consequently, all items of Chapter 85 will attract SWS at the rate of 10% of BCD payable.</p> <p>Note: The immediate impact is that mobile phones are charged 2% more duty on imports. PMP final product goods will also attract SWS ranging from 1% to 1.5%. Further, IGST is attracted on SWS. Thus, mobile will face another 0.2% as IGST. Last, SWS is zero where Basic Duty is zero.</p>

**Deliberation on Inputs for the Manufacture of Chargers/Adapters
Post-budget 2020-21**

Srl.	Items	Existing BCD	Recommended BCD
1.	Integrated Circuits	ITA Item	Nil
2.	Rectifier IC's	ITA Item	Nil
3.	Regulator IC's	ITA Item	Nil
4.	Capacitors	ITA Item	Nil
5.	Plastic Bobbin	7.5%	Nil
6.	Transformers	7.5%	Nil
7.	PCB's	ITA Item	Nil
8.	Connectors	7.5%	Nil
9.	Coil	7.5%	Nil
10.	Plastic Moulding	10%	Nil

Activities & Services

Events Organised by ELCINA

S. No.	Date	Topic
1.	9 th & 10 th Sept. 2020	11 th Source India – Electronics Supply Chain – Virtual Edition
2.	9 th Dec. 2020	CEO Forum “Preparing for a Global ESDM Footprint” @ electronica India 2020
3.	10 th Dec. 2020	India PCB Tech Conference “The Indian PCB Manufacturing Industry- Need to Power-up” @ electronica India 2020
4.	11 th Dec. 2020	ELCINA Annual Awards 2020
5.	25 th June, 2021	India Taiwan Electronics Cooperation Meet: “Opportunities in Indian EV’s Market and Battery Technology to Power the EV Industry”
6.	20 th August, 2021	India - Taiwan Electronics Meets on “Semiconductor, Power Electronic Devices and IC Packaging”

11th Source India – Electronics Supply Chain – Virtual Edition “Virtual Edition scheduled online on 9th & 10th Sept. 2020.

The event was organised by Electronic Industries Association of India (ELCINA) with Tamil Nadu as the Host State and it is co-organised by ELCOT and supported by Guidance Bureau. Taiwan was the Country Partner.



The Chief Guests of the event were Thiru R.B. Udhayakumar, Hon'ble Minister for IT, Govt. of Tamil Nadu and Thiru M. C. Sampath, Hon'ble Minister for Industries, Govt. of Tamil Nadu.

VIP's @ Source India 2020



Mr. Ajay Prakash Sawhney, IAS
Secretary, Ministry of Electronics & IT, Govt. of India



Thiru Hans Raj Verma, IAS
Addl. Chief Secretary to Government of Tamil Nadu
(Ministry of IT & Panchayati Raj)

The virtual edition of 11th Source India witnessed strong participation by over 500 online delegates/visitors, 19 buyer companies and 46 exhibitor companies. The Webinars / Conference hosted eminent speakers from industry and Government. The Buyer Seller Meet witnessed keen interest with each Buyer having 8-10 meetings adding up-to over 150 meetings.

In addition to the Inaugural Session, the event comprised of six panel discussions as follows:-

Day-1, 9th Sept., 2020

- Inaugural Session - Tamil Nadu the Hub for Globally Competitive Manufacturing in India
- Session 1 - Way Forward to a Globally Competitive Supply Chain in India
- Session 2 - Fireside Chat - ESDM Sector in Tamil Nadu- Industry Expectations & Government Participation

Day - 2, 10th Sept., 2020

- Session 1 - Enhancing Value Addition – Strengthening the Base of the Pyramid
- Session 2 - Shifting Supply Chains and Manufacturing Hubs - Impact on Indian ESDM Sector
- Session 3 – Taiwan-India Electronic Products Talents Experience Sharing Time (TW)

CEO Forum “Preparing for a Global ESDM Footprint” @ electronica India 2020 – 9th Dec. 2020



ELCINA has joined hands with Messe München India (MMI) as its “Partner Association” for electronica India and productronica India Exhibition. The key objective of this partnership is to bring the benefits of electronica productronica, a global event, to domestic companies to catalyse growth and value addition in the Indian electronics manufacturing industry.

As a Partner Association, ELCINA co-organises

the CEO Forum and India PCB Tech exhibition-cum-conference to highlight industry issues and opportunities. India PCB Tech is a dedicated platform for the PCB Sector and its value chain which connects large Buyers with Sellers and facilitates the acquisition of technology and encourage joint ventures between Indian and global players.

India PCB Tech Conference “The Indian PCB Manufacturing Industry - Need to Power-up” @ electronica India 2020 – 10th Dec. 2020

Presentation ceremony of ELCINA Awards for 2019-20 on

The 45th Annual Presentation Ceremony for ELCINA Awards for Excellence in Electronics Hardware Manufacturing & Services was celebrated on 11th December 2020 at ELCINA House, 422, Okhla Industrial Estate, New Delhi.

The Industrialists and the award winners were welcomed by Mr. Amrit Manwani, President ELCINA. The ceremony was honored by the Mr. S K Marwaha, Sr. Director, MeitY & Dr. Sandip Chatterjee, Sr. Director, MeitY.



WINNERS OF ELCINA AWARDS 2019-20

EXPORTS

Large Scale

- 1st Prize** : TDK India Pvt. Ltd., Kalyani
1st Prize : SFO Technologies Pvt. Ltd., Kochi

Medium Scale

- 1st Prize** : Defsys Solutions Pvt. Ltd., Gurgaon
2nd Prize : Syrma Technology Pvt. Ltd., Chennai
2nd Prize : Sasmos HET Technologies Ltd., Bangalore
Certificate of Merit : Globe Capacitors Limited, Faridabad
Certificate of Merit : Qmax Test Equipments Pvt.Ltd., Chennai

QUALITY**Large Scale**

1st Prize	:	SFO Technologies Pvt.Ltd., Cochin
2nd Prize	:	SGS Teknicks Mfg. Pvt.Ltd., Gurgaon
Certificate of Merit	:	Cookson India Pvt.Ltd., Chennai

SME

1st Prize	:	Xpro India Limited, Bankura (West Bengal)
2nd Prize	:	Vishay Semiconductor India Pvt.Ltd., Mumbai
2nd Prize	:	Hical Technologies Pvt.Ltd., Bangalore
Certificate of Merit	:	Syrma Technology Pvt.Ltd., Chennai
Certificate of Merit	:	Sahasra Electronics Pvt.Ltd., Noida

RESEARCH & DEVELOPMENT**Large Category**

1st Prize	:	SGS Teknicks Manufacturing Pvt.Ltd., Gurgaon
2nd Prize	:	Centre for Development of Telematics (C-DOT), New Delhi

SME

1st Prize	:	Qmax Test Equipments Pvt.Ltd., Chennai
2nd Prize	:	Defsys Solutions Pvt.Ltd., Gurgaon
Certificate of Merit	:	Continental Device India Pvt.Ltd., New Delhi
Certificate of Merit	:	Matrix Comsec, Vadodara
Certificate of Merit	:	Sunlux Technovations Pvt.Ltd., Bangalore

BUSINESS EXCELLENCE**Medium Category**

1st Prize	:	SASMOS HET Technologies Ltd., Bangalore
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EXCELLENCE IN PCB MANUFACTURING**Large category**

1st Prize	:	Epitome Components Pvt.Ltd., Ahmednagar
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SME

First Prize	:	Meena Circuits Pvt.Ltd., Vadodara
Second Prize	:	Fine-Line Circuits Ltd., Mumbai (High End PCB)
Certificate of Merit	:	Keerthi Industries Limited, Hyderabad (Flexible PCB)

Jury Awards**EXEMPLARY GROWTH AND DIVERSIFICATION BY AN INDIAN ESDM COMPANY**

Sahasra Electronics Pvt.Ltd., Noida

LIFELONG SERVICE TO THE ELECTRONICS INDUSTRY -

Mr. M L Tandon, Founder, Tandon Group

ELECTRONICS MAN OF THE YEAR

Mr. Sanjiv Narayan, Co-Founder, Chairman, SGS Tekniks Mfg. Pvt.Ltd., Gurgaon

OUTSTANDING CONTRIBUTION TO DESIGN LED ELECTRONICS MANUFACTURING

Excellence in Consumer Durables & Electronics Manufacturing

Amber Enterprises India Limited, Gurgaon

Excellence in Design Solutions

MyBox Technologies Pvt.Ltd., New Delhi

Extraordinary Contribution to Mobile Manufacturing Value Chain

Mr Hariom Rai, Co-founder, CMD, Lava International Limited, Noida

Pioneering Contribution to Design Led Manufacturing

VVDN Technologies, Gurgaon

India Taiwan Electronics Cooperation Meet “Opportunities in Indian EV’s Market and Battery Technology to Power the EV Industry” – 25th June, 2021



ELCINA and Institute for Information Industry (III), Taiwan a research and industry development body under their Ministry of Economic Affairs, organized **“India Taiwan Electronics Cooperation Meet”** on **25th June, 2021**. The Meet had focused discussions on the opportunity in EV Industry and its related Battery eco-system.

Objectives of the Event:

- Knowledge sharing by bringing all stakeholders of Electrical Vehicles (EV's) value chain on one platform.
- To share the opportunities and the current industry status with the participating Taiwanese and Indian industry delegates, which would encourage them to contribute and benefit from the emerging opportunity in EV's.
- Match Making and B2B interactions

The following Speakers / Panelists from India & Taiwan participated in the Meet:

Mr. Paresh Vasani, President, ELCINA & MD, PCBPower Market, Mr. Stanley Wang, Dy. Director General, Institute for Information Industry (III), Taiwan, Mr. Mahesh Babu, CEO, Mahindra Electric Mobility Ltd., Taiwan Perspective on EV Vehicle Technology, Mr. Paul Lin, Senior Consultant, Gotech Energy, Taiwan, Mr. Atul Arya, Head-Energy System Division, Panasonic India, Mr. Jim Chen, Senior

Representative, Delta Electronics, Taiwan, Mr. Awadhesh Jha, Vice President – Charge & Drive, Fortum Charge & Drive India Pvt. Ltd., Mr. Amrit Manwani, Chairman, Sahasra Group & Past President, ELCINA

Program Details:

- A conference on “Opportunities in Indian EV’s Market and Battery Technology to Power the EV Industry”.
- Pre-arranged Business to Business Meetings between Indian & Taiwan Vendors.
- Opportunity for informal meetings and networking.

The Meet witnessed strong participation by over 300 online delegates/visitors. The Webinar / Conference hosted eminent speakers from India & Taiwan. The B2B witnessed keen interest with each Vendor having 4-5 meetings adding up-to over 25 meetings.

India - Taiwan Electronics Meet on “Semiconductor, Power Electronic Devices and IC Packaging” - 20th August, 2021



ELCINA and Institute for Information Industry (III), Taiwan a research and industry development body under their Ministry of Economic Affairs, organized “**India Taiwan Electronics Cooperation Meet**” on “**Semiconductor, Power Electronic Devices and IC Packaging**” 20th August, 2021. The Meet had focused discussions on India's Semiconductor Industry”.

The Meet witnessed strong participation by over 250 online delegates/visitors. The Webinar / Conference hosted eminent speakers from India & Taiwan.

The following Speakers / Panelists from India & Taiwan participated in the Meet:

Mr. Paresh Vasani, President, ELCINA & MD, PCBPower Market, Mr. Stanley Wang, Dy. Director General, Institute for Information Industry (III), Taiwan, Dr. Ashwini K Aggarwal, Director, Applied Materials India, Mr. Amrit Manwani, Past President, ELCINA & Chairman, Sahasra Group, Mr. Pankaj Gulati, Past President, ELCINA & Sr. VP & COO, Continental Device India Ltd, Mr. K. T. Lu, Marketing Director, Phison Electronics Corporation, Taiwan, Mr. Sanjeev Keskar, CEO, Arvind Consultancy & Former Managing Director, Arrow Electronics India

Webinars & Regional Meetings Organised by ELCINA

S. No.	Date	Topic
1	1 st & 9 th Oct. 2020	Webinar on "Semiconductor Technology & Manufacturing - Concepts & Practice"
2	14 th Oct. 2020	Webinar on "De-Coding the Labour Codes"
3	20 th Nov. 2020	Webinar on "ESDM Policy Developments & EV Eco System"
4	23 rd Dec. 2020	Webinar on "NCFlexE -Enabling Printable Electronics Manufacturing in India"
5	23 rd Feb. 2021	"RoDTEP & Changes in IGCR Rule- Background, Eligibility and Implementation"
6	10 th March, 2021	ELCINA Western Region Member Mixer
7	23 rd March, 2021	ELCINA Southern Region Member Mixer
8	25 th March, 2021	Webinar on "Semiconductor Manufacturing Wide-Band GAP/MEMS Semiconductor"
9	9 th April, 2021	Enabling Printable Electronics Manufacturing in India (Part 2)
10	3 rd June, 2021	ELCINA Western Region Meeting
11	23 rd July, 2021	ELCINA Southern Region Webinar "Roadmap for Components in Automotive Electronics"



ELCINA organized the webinar on "**Semiconductor Technology & Manufacturing – Concepts & Practice**" on 9th Oct. 2020.

Dr. Ashwini Aggarwal, Director-Government Affairs, Applied Materials India Pvt. Ltd. was the speaker of the webinar.

More than 130 delegates registered for the webinar.

Webinar on "De-Coding the Labour Codes" - 14th Oct. 2020

ELCINA organised the webinar with support of Lakshmikumaran & Sridharan (L&S) the knowledge partner of the webinar.

More than 225 delegates registered for the webinar.

Webinar on "ESDM Policy Developments & EV Eco System" - 20th Nov. 2020

The following industry experts were the Panellists / Speakers – **Dr. Ashwini K Aggarwal**, Chairman Northern Region, ELCINA & Director-Government Affairs, **Mr. Paresh Vasani** - President ELCINA & Managing Director, Circuit System (I) Ltd., **Chief Guest** - **Mr. S.K. Marwaha**, Senior Director/Scientist "G", Ministry of Electronics & IT (MeitY), Govt. of India, **Mr. Amrit Manwani**, Immediate Past President,



ELCINA & CMD, Sahasra Group, **Mr. Sasikumar Gendham**, MD, Salcomp Manufacturing, **Mr. Atul Bisht**, Senior Assistant Vice President & Head - Technology, Media, Telecom & ESDM, Invest India, **Moderator** : **Mr. Prashant K. Banerjee**, Executive Director, Society of Indian Automobile Manufacturers (SIAM), **Honoured Guest** : **Dr. Sajid Mubashir**, Head – TDT (EV), Department of Science & Technology, Govt. of India, **Mr. Sanjay Gupta**, VP & India Country Manager, NXP Semiconductor, **Mr. Awadhesh Jha**, VP-Charge & Drive and Sustainability, Fortum Charge & Drive India, **Mr. Gagan Bansal**, Co-Chairman, Northern Region ELCINA & VP, TDK India Private Limited.,

More than 250 delegates registered for the webinar.

ELCINA & National Centre for Flexible Electronics (NCFlexE), a Centre of Excellence at the Indian Institute of Technology (IIT) Kanpur organised the Webinar on **"NCFlexE -Enabling Printable Electronics Manufacturing in India" - 23rd Dec. 2020.**

The following industry experts were the Panellists / Speakers in the webinar: **Prof. Sundar K Iyer**, Coordinator, National Centre for Flexible Electronics, IIT Kanpur, **Dr. Sudheer Kumar**, Chief Operating Officer, National Centre for

Flexible Electronics, **Mr. Vinod Sharma**, Past President, ELCINA & MD, Deki Electronics Ltd., **Dr. Ravi M Bhatkal**, MD, MacDermid Alpha Electronics Solutions, **Mr. Paul Smith**, VP Comet Technologies Inc, USA, **Dr. Suraj Rengarajan**, CTO, Applied Materials India and **Mr. Ram Prasad Gandhiraman**, CEO, Space Foundry Inc, USA and **Mr. Gagan Bansal**, Co-Chairman, Northern Region, ELCINA & VP, TDK India Pvt. Ltd.

More than 100 delegates registered for the webinar.



Webinar on **"RoDTEP & Changes in IGCR Rule - Background, Eligibility and Implementation" - 23rd Feb. 2021.**

ELCINA organised the webinar with support of Lakshmikumaran & Sridharan (L&S) the knowledge partner of the webinar.

More than 200 delegates registered for the webinar.



ELCINA organised "Southern Region Member Webinar" on 23rd March, 2021

The following Speaker / Panellists joined the webinar: **Mr. Rajiv Venkatraman**, Chairman, Southern Region & MD, Precision Electronic Components Mfg. Co., **Mr. Sanjay Agarwal**, Sr. Vice President, ELCINA & MD, Globe Capacitors Pvt Ltd.

Mr. Amrit Manwani, CMD, Sahasra Group & Past President, ELCINA, **Mr. Sasikumar Gendham**, MD, Salcomp Manufacturing, **Dr. Ravi Bhatkal**, MD, MacDermid Alpha Electronics, **Dr. Sreeram Srinivasan**, CEO, Syrma Technologies, **Ms. Ritu Ghosh**, Head - Corporate Affairs & CSR, Panasonic India Pvt. Ltd., **Mr. Vinod Sharma**, MD, Deki Electronics & Past President, ELCINA, **Mr. Sunil Naik**, Director of Operations, Jabil India, **Mr. Mujeeb Rahiman**, VP, SFO Technologies, **Mr. Nirbhay Gopal**, Director, Vishay Components India Pvt. Ltd., **Mr. Sanjeev Keskar**, CEO, Arvind Consultancy, **Mr. Nanda M. Kishore Reddy**, IIS, MD, Andhra Pradesh Technology

Services (APTS), Govt. of Andhra Pradesh, Mr. Sujai Karampuri, Director (Electronics) Information Technology, Electronics & Communications Department, Government of Telangana, Mr. Richard Puthota, Sr. Director, MacDermid Alpha Electronics Solutions

ELCINA organised Webinar on "Semiconductor Manufacturing Wide-Band GAP/MEMS Semiconductor" on 25th March, 2021

Dr. Ashwini Aggarwal, Director-Government Affairs, Applied Materials India Pvt Ltd. And Dr. Michael Francios, Silicon Power Corp. were the speakers of the webinar.

Total 140 delegates registered for the webinar.



ELCINA & National Centre for Flexible Electronics (NCFlexE), a Centre of Excellence at the Indian Institute of Technology (IIT) Kanpur organised the Webinar on "Enabling Printable Electronics Manufacturing in India (Part 2) on 9th April, 2021.

The following industry experts were the Panellists / Speakers in the webinar

Dr. Sudheer Kumar, Chief Operating Officer, National

Centre for Flexible Electronics, IITK, **Mr. Sanjay Agarwal**, Sr. VP, ELCINA & MD, Globe Capacitors Ltd., **Dr. R. Raghu Das**, CEO, IDTechEX, UK, **Dr. Neil Morrison**, Chief Technologist & Director, New Technologies & Application, Flexible Technology Group, Applied Materials Web Coating GmbH, **Prof. S. Sundar Kumar Iyer**, Coordinator, National Centre for Flexible Electronics, IIT Kanpur, **Mr. Anand Gupta**, Head Innovations – Uflex Ltd., **Mr. Rajesh Voruganti**, Head, Design, Product Development & Sheet Fed Operations - Paper & Board Packaging, **Mr. Sanjay Ghoshal**, Senior General Manger & Head of Packaging, Diageo India, **Mr. Manish Desai**, Director, Mudrika Labels Pvt. Ltd., **Mr. Jaap Stork**, Manager, SPG Prints, Netherlands,

More than 125 delegates registered for the webinar.

ELCINA organised "Western Region Meeting" on 3rd June, 2021.

Following were the Speaker / Panellists in the meeting:

Mr. Paresh Vasani, President, ELCINA & MD, PCB Power Market, **Mr. Anuraag Dhoot**, Chairman Western Region, ELCINA & MD, Epitome Components Pvt. Ltd, **Mr. Raveendra Sahni**, Regional Head, Western Region, HDFC Bank, **Mr. Vinod Sharma**, Past President ELCINA & Managing Director, Deki Electronics Ltd., **Dr. Ashish Kumar**, Sr. Director, Department for Promotion of Industry and Internal Trade (DPIIT), **Mr. Jasbir Singh**, Chairman & CEO, Amber Enterprises India Ltd., **Mr. Atul B Lall**, MD & Vice Chairman, Dixon Technologies India Ltd. and **Mr. Vijay Gujarathi**, Vice President, ELCINA & Managing Director, EOS Power India Pvt. Ltd.





ELCINA organised Southern Region Webinar - "Roadmap for Components in Automotive Electronics" on 23rd July, 2021

The following experts were the Speakers / Panellists in the webinar:

Mr. Paresh Vasani, President, ELCINA & MD, PCBPower Market, **Mr. Rajiv Venkatraman**, Chairman,

Southern Region, ELCINA & MD, Precision Electronic Components Mfg. Co., **Mr. Srinivas Aravapalli**, CEO, Blue Binaries Engineering Solutions Pvt. Ltd., **Mr. Barkathulla Khan**, Senior Director- Asia Operations, Visteon Corporation, **Mr. Claudios Fernando**, Director, Woory Automotive India Pvt. Ltd., **Mr. N Ramachandran**, Past President ELCINA & MD, Mel Systems & Services, **Dr. Sreeram Srinivasan**, CEO, Syrma Technology Pvt. Ltd., **Mr. Sasikumar Gendham**, MD, Salcomp Manufacturing India (P) Ltd., **Mr. Sajan P David**, VP and Business Head, Amara Raja Electronics and **Mr. Richard Puthota**, Co-Chairman, Southern Region, ELCINA & Sr. Director, MacDermid Alpha Electronics Solutions.

CKM Programs from August, 2020

S. No.	Topic	Date	Venue / Mode
1	FMEA	14 th August, 2020	Online
2	ISO 45001:2018 & ISO 14001:2015 – EHS	25 th & 26 th Sept. 2020	Online
3	FMEA	7 th Oct. 2020	Online

Electronics Sector Skills Council of India (ESSCI)

Electronics Sector Skills Council of India (ESSCI) is a Not for Profit Organization, registered under the Indian Companies Act, 1956. The Council has been promoted by six Associations i.e. CEAMA, ELCINA, IESA (formerly ISA), IPCA, MAIT & ELCOMA, with financial support by National Skill Development Corporation (NSDC). The ESSCI's focus is on establishing an effective and efficient ecosystem for developing and imparting of outcome oriented skills for the Electronics Systems, Design and Manufacturing Industry (ESDM).

ESSCI's mandate comprises plethora of deliverables including development of curriculum, courses, information database, and delivery system. ESSCI is responsible for standardization, accreditation and certification processes to enhance the employability of the Indian workforce globally. It envisions to enable a world class electronics manufacturing industry with an ecosystem for skill development and enhance employability of the large number of Indian human resource. ESSCI strives to establish a structured mechanism wherein ESSCI will facilitate & collaborate with NSDC in strengthening the existing vocational education system for skills development in electronics sector & upgrade vocational training system for the industry to achieve global standards in manpower productivity.

ESSCI has over 250 training partners having over 4500 training centers across the country, that are well equipped to undertake skill development across job roles across the ESDM sub-sectors.

ESSCI has developed more than 185 Qualification Packs (QPs) and over 250 National Occupation Standards (NOS). The Electronics Sector Skills Council of India has so far skilled over 14,00,000+ candidates in various job roles in electronics.

ELCINA Electronics Manufacturing Cluster at Bhiwadi (EEMC- Bhiwadi):

ELCINA Bhiwadi Cluster - a Dream Come True

After sustained and rigorous efforts for over 7 years, ELCINA's Bhiwadi Cluster is now operational as a Greenfield EMC which was envisaged by MeitY under the EMC Scheme 2012. The entire basic and essential infrastructure services such as Internal Roads, Storm Water Drains, Water Storage and Supply System, Rainwater Harvesting System, Centralised Fire Fighting System, Sewage Treatment Plant, Dedicated 33KV HT power supply feeder line, own 33/11 KV Grid Sub-Station along with internal underground 11 KV electricity distribution system and Street Lighting are completed and operational now.

Currently, two manufacturing units are operating in the Cluster namely Aisan Fiem Automotives India Pvt. Ltd. (AFI) which manufactures electronic fuel injection systems and IC Connectors for 2 & 3 Wheeler's for the Indian market and Mercury Heatex Pvt. Ltd., which is manufacturing Heat Exchangers for ACs. One more company, BGSB Concrete Solutions Pvt Ltd, also completed the construction activity in their plot.

We are very happy to inform you that two lead members of ELCINA – E-Pack Group and Sahasra Group are currently establishing their manufacturing facilities in the Cluster. EPACK Durables Solutions Pvt. Ltd., an E-Pack Group company, is setting up a large manufacturing facility over an area of 6.75 acres for manufacturing component for Air Conditioners and small house appliances. This project will entail an investment of over Rs. 160 Crores and will generate employment for approx. 600 people. Sahasra Semiconductors Pvt. Ltd., a Sahasra Group company, is establishing a manufacturing facility in the Cluster to package NAND flash memories that will find application in Mobile phones, Laptops, Notebooks, iPads, data storage Servers, Solid State Drives (SSDs) and other IT products. The company's manufacturing unit will entail an investment of Rs. 150 Crores which will generate approx. 500 Hi-Tech skilled jobs when fully operational.

Till now, 20 companies have invested in the Cluster and have reserved 28.42 acres land out of 30.62 acres sale-able industrial plots in Phase-I.

The list of Members with their product profile is as below:

S.No.	Organisation	Product Profile
1	Aisan Fiem Automotives India Pvt. Ltd.	Electronic Fuel Injection Systems & IC Connectors for 2&3 Wheelers.
2	BGSB Secure Solutions Pvt Ltd	Service Facility for Laser Electronics based Construction Equipment's
3	Deki Electron ics Ltd.	Film Capacitors, Electrolytic Capacitors, Ceramic Capacitors
4	Duggar Power Products Pvt. Ltd.	Stabilizers, Transformers, Solar Lanterns
5	EPACK Durables Solutions Pvt. Ltd.	Air Conditioners and small house appliances
6	Elin Electronics Ltd.	LED lighting, Consumer Appliances
7	Electronics Sector Skill Council of India	Training, Testing & Calibration
8	Fusion Polymers Industries	Low Voltage Cable
9	Jai Kartar Digitech Pvt. Ltd.	DVD Players, HDMI Players, Multi Media speakers, LED TV

S.No.	Organisation	Product Profile
10	M/s K C Jain	Potentiometers, Presets & Switches
11	M/s Kraft Box	Packaging Products
12	Masayoshi Control LLP	Electronic Components
13	M/s Mrideep Consultants & Agents	Parts of Capacitors, Dispensing Machines
14	Mercury Heatex Pvt Ltd	Heat Exchangers
15	Motras Scientific Instruments Pvt. Ltd.	Scientific Instruments
16	Sahasra Electronics Pvt. Ltd.	EMS for Auto Electronics, Electrical Vehicles & Server Motherboard
17	Sahasra Semiconductors Pvt. Ltd.	Semiconductor ATMP
18	Speedofer Components Pvt Ltd	Ferrite Core for transformers
19	UKB Electronics Pvt. Ltd.	Wires, Cables, Power Cords, Chargers & Adapters
20	Value4tronics LLP	Film Capacitors (Power Electronics)

So far, the operational units in the Cluster has paid GST Rs. 29 Crore approximately and has generated about 260 skilled and semi-skilled jobs. The Cluster would create direct employment opportunity of 5-6,000 and the indirect employment potential is 10-12,000 when fully operational.

ELCINA Bhiwadi SPV is now planning to develop a "Common Facility Centre" in the Cluster under EMC 2.0 Scheme of MeitY. The proposed facilities in the CFC are planned with an objective of supporting the Cluster members and local ESDM industry and enhance their competitiveness. The CFC will function as a Service Provider to assist the Cluster members in innovating and developing new products, producing value added products, enhance productivity, and meet global product requirements. Apart from major investment in Test & Measurement Lab, SPV will also establish a CoE/Incubation Centre and Centre for Start-Ups/ Training Centre as two other supporting components in proposed CFC.

It is a matter of great pride for ELCINA that our EMC at Bhiwadi will play an important role in the Government of India's 'Atmanirbhar Bharat' and 'Digital India' initiatives.



Bhiwadi EMC-on Road to A Successful Start



Main Gate House & Security Booth ...



**M/s Aisan Fiem Automotives India Pvt Ltd
(Factory Operational...)**



**M/s Mercury Heatex Pvt. Ltd.
(Factory Operational...)**



**M/s EPACK Durables Solutions Pvt. Ltd.
Factory under construction**



**Gate House, Water Storage Tank,
Fire Pump House & STP Area...**

DISPLAY CENTRE in ELCINA House

The Display Centre, which was inaugurated in August, 2007, continues to attract visitors to ELCINA House. The Association also provides audio/video presentations of the participating companies to the visitors through LCD Panel installed in this Centre. At present, products of the following companies are on display in the Centre:-

Full Stalls

1. Bharat Electronics Ltd, Bangalore
2. TDK India Pvt. Ltd, Noida
3. Vishay Components India Pvt. Ltd, Pune
4. Teknik Electromeconic Pvt Ltd, Bangalore
5. SGS Tekniks Manufacturing Pvt. Ltd, Gurgaon
6. Syrma Technology Pvt. Ltd., Chennai
7. Deki Electronics Ltd, Noida
8. Elin Electronics Ltd, New Delhi
9. Bhagyashree Industries, Secunderabad
10. AT & S India Pvt.Ltd., Nanjangud
11. EMI Solutions Pvt.Ltd., Bangalore

Half/Mini Stalls

1. CTR Mfg Industries Ltd, Aurangabad
2. Super Mount Pack Pvt. Ltd. , Bangalore
3. Neotec, Taiwan
4. Sowparnika Thermistors and Hybrids Pvt.Ltd., Thrissur (Kerala)

Support Services Using Electronic Media

With 24-hours internet line and virtual on-line communication with members, ELCINA is able to render better and online services to its constituents. Dispatch of timely and relevant information, messages, circulars, invitations, and awareness campaign capsules using the electronic media was found to be immensely useful by the industry. The fortnightly Electronic Newsletter continues to cater to the needs of the industry.

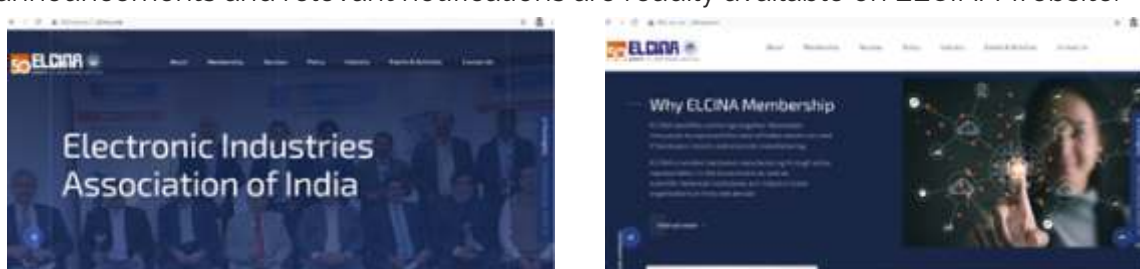
ELCINA on social media:

ELCINA actively started using social media platforms in Dec 2020. This activity is supported and sponsored by PCB Power and Globe Capacitors; has given prominent visibility to ELCINA and created the base from where ELCINA can widen its reach. ELCINA is now available on all leading social media platforms such as LinkedIn, twitter, Facebook and Instagram and posting relevant content regularly. Some snapshots are given below:



Website & e-Services

Keeping pace with the current technologies and higher interaction through online platform, ELCINA refreshed its website (www.elcina.com) to new look and features. ELCINA Fortnightly Newsletter – providing regular update and website links to enhance web awareness. Key information about major policy announcements and relevant notifications are readily available on ELCINA website.



Conference Facilities at ELCINA House

ELCINA House is equipped with facilities for holding Conferences, Seminars, Workshops, business events and corporate programmers. The Meeting room on the first floor, with a capacity of upto 35 in class room seating style with comfortable revolving chairs, is equipped with dais, LCD Projector, Audio Systems, Wireless Internet and dining space. In addition to this office space has been created for small offices.

Capacity chart of Existing Conference Facilities in ELCINA House:

1.	Conference Hall – first floor :	40
2.	Board Room – Ground Floor:	15
3.	BSM Conference Room – Basement:	25

Presentation facilities, selective secretarial support and complete catering services are also available.

There is a growing popularity amongst companies utilising these facilities and the infrastructure is comparable with the most comfortable and high quality conference facilities available in New Delhi.

ELCINA Consulting Services – Tools for Enhancing Competitiveness:

Government announced 3 key Schemes under NPE 2019 on 20th March 2020, PLI, SPECS and EMC 2.0 which together constitute the foundation of NPE 2019. They are expected to enable large scale electronics manufacturing, a domestic supply chain ecosystem of components and state-of-the-art infrastructure. It will contribute significantly to achieving a USD 1 Trillion digital economy, a USD 5 Trillion GDP by 2025 and a US\$ 400 Bn ESDM Industry with higher value addition.

Of these three, Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECS), is of special interest to ELCINA Members as this is a successor of erstwhile M-SIPS scheme.

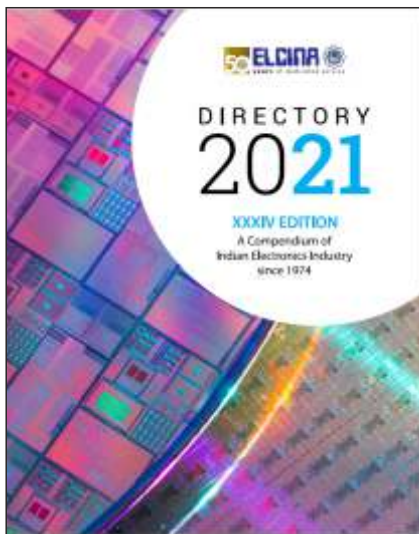
ELCINA has its empanelled consultants who provide end to end project consultancy to apply under the Scheme. ELCINA provides Consulting Services with the aim of empowering the industry, enabling innovation, translating quality into a differentiator, and enhancing competitiveness to face globalization. The Resource Persons empanelled by ELCINA also offer consultancy in market research, technology & process up gradation, management systems, financial viability studies, etc.

ELCINA is equipped to take up specialized research and industry / market study projects through its consulting services activities to support local as well as global industry players.

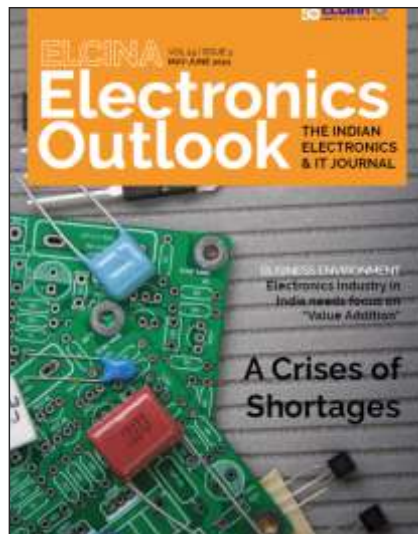
Publications & Database

- In addition to ELCINA's Electronic Outlook and Annual Directory of Indian Electronics Industry, other publications of the Association include;
- Investors' Manual (Published: October 2017)
- Market Study to Understand Distribution Channel for Select Electronics (Components & End Products) in India (Published : 2017)
- A Study on Opportunities and Challenges in Strategic Electronics in Aerospace & Defence Sector with Focus on MSMEs (Published: Jul 2016, Updated in Jul 2017)
- A Study on Indian Printed Circuit Board Industry & Market (Published: 2016, Updated in 2021)
- ELCINA Component Task Force Report
- ELCINA EMS Task Force Report

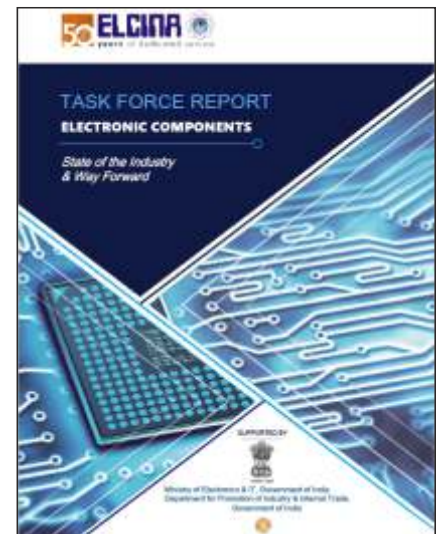
ELCINA Publications



ELCINA DIRECTORY FOR INDIAN ELECTRONICS INDUSTRY
34TH EDITION OF ELCINA DIRECTORY OF INDIAN ELECTRONICS INDUSTRY FOR 2021



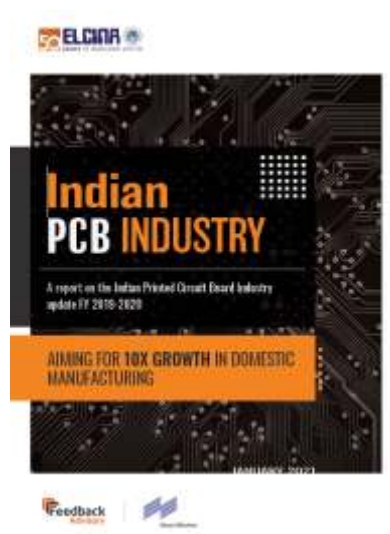
ELCINA ELECTRONICS OUTLOOK - THE INDIAN ELECTRONICS & IT JOURNAL



TASK FORCE REPORT - ELECTRONIC COMPONENTS
State of the Industry & Way Forward



EMS TASK FORCE REPORT ON MARKET & INDUSTRY ANALYSIS OF EMS SECTOR IN INDIA



INDIAN PCB INDUSTRY AIMING FOR 10X GROWTH IN DOMESTIC MANUFACTURING

Library & Database

ELCINA Library contents are available on-line for the benefit of the industry for accessing information and publications. The Library covers an updated and exhaustive database on Indian Electronics Industry and major electronics manufacturing countries in the world. Efforts continue to strengthen the sections on environment, six sigma, total quality management, new management and emerging business practices.

Membership

30 new members, including 16 Full Members, 06 Associate Members, 08 Affiliate Industry Members, 01 Foreign Member & 01 Corporate Member joined ELCINA during the Activity Year as per list below:-

S.No.	Organisation Name	Joining Date	Membership Category
1	Carl Zeiss India (Bangalore) Pvt.Ltd., Bangalore	16/10/20	FM
2	Grenew E Waste Pvt.Ltd., Gurgaon	16/10/20	AFM
3	Diotec Electronics India Pvt. Ltd., Pune	22/12/20	FM
4	SRM Technologies Pvt. Ltd., Chennai	22/12/20	FM
5	EPack Durables Solutions Pvt. Ltd., Greater Noida	22/12/20	FM
6	Rectifier House India Pvt.Ltd., Mumbai	22/12/20	AFM
7	Aeolus Engineering Solutions, Chennai	12/02/21	AFM
8	Moogambigai Metal Refineries, Mangalore	12/02/21	AM
9	Millennium Semiconductors India Pvt. Ltd., Pune	29/04/21	AFM
10	EPAVO Electricals Pvt. Ltd., Mumbai	29/04/21	AM
11	Electronic Components & Tuners, Noida	29/04/21	AM
12	Imagine Marketing Pvt.Ltd., Mumbai	29/04/21	AFM
13	Future Green India, Bhopal	29/04/21	AM
14	RadhikaOpto Electronics Pvt. Ltd., Mumbai	02/07/21	FM
15	Karnataka Hybrid Micro Devices Ltd., Bangalore	02/07/21	FM
16	Fine Trak Systems, Gandhinagar	02/07/21	FM
17	Makino India Pvt.Ltd., Bangalore	02/07/21	FM
18	Uniglobus Electricals & Electronics Pvt.Ltd., Gujarat	02/07/21	AFM
19	Kumar Industries, Ahmedabad	02/07/21	AM
20	Prabuddha Power, Bhopal	02/07/21	AM
21	Luker Electric Technologies Pvt.Ltd.	27/08/21	FM
22	Montex Glass Fibre Industries Pvt. Ltd.	27/08/21	FM
23	Associated Lighting Co.	27/08/21	FM
24	Jindal Poly Films Limited	27/08/21	FM
25	Sanstar Microsystems Pvt.Ltd.	27/08/21	AM
26	Tesscorn Nano Science Inc.	27/08/21	AFM
27	Mean Well India Electronics Pvt.Ltd.	27/08/21	FM
28	Luminous Power Technologies Pvt.LTd.	27/08/21	FM
29	Axiom Energy Conversion Ltd.	27/08/21	FM
30	Sil-More Trade Private Ltd.,	27/08/21	AFM

Till the Executive Committee Meeting of 27th August 2021, the total direct membership stood at 258 (174 Full Members, 65 Associate Members, 13 Affiliate Industry Member, 02 Corporate Member and 04 Foreign Members). As per the rules of the Association and advised by the Executive Committee, the names of defaulting members, with long overdue subscription payments, had to be deleted.

Annual General Meeting (AGM)

The 52nd Annual General Meeting of the Association was held in ELCINA House, New Delhi, on 25th September 2020 under the Presidentship of Mr. Amrit Manwani. Following the election during the AGM and the subsequent EC Meeting, Mr. Paresh Vasani was elected as President of ELCINA for 2020-21. The next AGM is scheduled to be held in New Delhi on 24th September 2021.

ELCINA Representation on Various Bodies (Including BIS)

ELCINA is represented on the following Committees set up by the Government of India:

S.No	Name of Committee	Name of Convener	Date	Duration
1	Project Review Committee under Electronics Manufacturing Cluster (EMC Scheme)	Mr. Nirmod Kumar Director, MeitY		
2	Committee to deliberate the mechanism of surveillance for goods registered under the "Electronics & Information Technology Goods (Requirements of Compulsory Registration) Order, 2012 (CRO)"	Mr. Sushil Jhangid Scientist 'B' MeitY	2012	
3	Project Guidance cum Review Committee (PGRC) of review the technical and financial progress of the Common Research & Technology Development Hub (CRTDH) set up at IIT Roorkee.	Dr. Sarika Madan Ministry of Science & Technology	Oct 2017	
4	Committee for Impact Assessment of Electronic Manufacturing Cluster Scheme	Shri Nirmod Kumar Director, MeitY	July 2018	
5	Independent Evaluation Committee for Evaluation of Central Sector Scheme – Research and Development in IT/Electronics/CC&BT	Dr. Sandip Chatterjee, MeitY	Sep 2019	
6	Committee constituted to review and recommend strategy papers on Emerging Technologies	Ms. Kavita Bhatia, Scientist F, MeitY	Sep 2019	
7	Committee on Additive Manufacturing	Dr. Sandip Chatterjee, MeitY	Nov 2019	4 years
8	Research & Technology Committee for the Establishment of Centre of Excellence on E-Waste Management	Dr. Sandip Chatterjee, MeitY	Dec 2019	5 years
9	Committee on Rechargeable Battery Technology	Dr. Sandip Chatterjee, MeitY	Dec 2019	5 years
10	SPEC's Review Committee	Mr. Ashish Kumar Scientist 'C' MeitY		
11	Promotion & Awareness of Electronics Systems Design & Manufacturing (ESDM) Policy of MeitY - Phase-II"	Dr. R R Tiwari Scientist 'C', MeitY		
12	Constitution of the Committee to recommend the ministry for further simplification of procedures in approval and disbursement process under Modified Special Incentive Package Scheme (M-SIPS)	Mr. Abhinav Sharma MeitY		

Executive Committee – Composition & Meetings

Composition

During 2020-21 the Executive Committee of the Association was composed of:-

Office Bearers

1.	Mr. Paresh Vasani	(President), Managing Director, Circuit System (I) Ltd., Ahmedabad
2.	Mr. Sanjay Agarwal	(Sr. Vice President), MD, Globe Capacitors Ltd., Faridabad
3.	Mr. Vijay Gujarathi	(Vice President), COO & Director, EOS Power India Ltd., Mumbai
4.	Mr. Sasikumar Gendham	(Hony Secretary), MD, Salcomp Manufacturing India Pvt. Ltd. Sriperumbudur
5.	Mr. Richard Puthota	(Hony. Treasurer & Co-Chairman, South), MacDermid Alpha Electronics Solutions
6.	Mr. Rajiv Venkatraman	(Reg. Chairman, South), Precision Electronic Components Mfg. Co., Hyderabad
7.	Mr. Anuraag Dhoot	(Reg Chairman, West), Epitome Components Limited, Ahmednagar
8.	Mr. Mitesh Lokwani	(Reg. Co-Chairman, West), HLBS Tech (P) Limited, Bhopal
9.	Dr. Ashwini Aggarwal	(Reg. Chairman, North), Applied Materials India Pvt. Ltd., Faridabad
10.	Mr. Gagan Bansal	(Reg. Co-Chairman, North), TDK India Pvt. Ltd., Noida

Committee Members

1.	Mr. Amrit Manwani	Sahasra Electronics Pvt. Ltd., Noida (Imm. Past President)
2.	Dr. Sreeram Srinivasan	Syrma Technology Pvt. Ltd., Chennai.
3.	Mr. V Vijaya Kumar	Qmax Test Equipments Pvt. Ltd., Chennai
4.	Mr. Dharmesh Shah	Dow Chemical International Pvt. Ltd, Mumbai
5.	Mr. Pratik Joshi	Meena Circuits Pvt. Ltd., Vadodara
6.	Mr. R S Simha	AT&S India Private Limited, Nanjangud
7.	Mr. Sajan P David	Amara Raja Electronics Limited, Hyderabad
8.	Mr. Kushal Patel	Fineline Circuit Company, Vadodara
9.	Ms. Ritu Ghosh	Panasonic India Pvt. Ltd., Gurgaon
10.	Mr. Ajit Kumar Misra	TDK India Pvt. Ltd., Noida
11.	Mr. Bhupinder Singh	Messe Muenchen India Pvt. Ltd., Mumbai
12.	Ms. Kumud Tyagi	Bergen Associates Pvt. Ltd., New Delhi
13.	Mr. Stanley Dubier	Stanesh Semiconductor Pvt. Ltd., Mumbai
14.	Ms. Shobhana Prakash	RMC Electronics Pvt. Ltd. Bangalore

Permanent Invitees

1.	Mr. Pankaj Gulati	Continental Device India Limited, New Delhi
2.	Mr. Vikram Desai	Desai Electronics, Pune
3.	Mr. Subhash Goyal	Digital Circuits Pvt. Ltd., Bangalore
4.	Mr. T Vasu	Tandon Group, Mumbai
5.	Mr. Robert John	Amphenol Interconnect India Pvt. Ltd. Pune
6.	Mr. Vinod Sharma	Deki Electronics Ltd., Noida
8.	Mr. Sanjiv Narayan	SGS Teknics Manufacturing Pvt. Ltd, Gurgaon
9.	Mr. N. Ramachandran	Mel Systems & Services Ltd, Chennai
10.	Mr. Inderdeep Singh,	Continental Device India Limited New Delhi
11.	Mr. A.G. Rohira	Elcompo Electronic Industries, Chennai
12.	Ms. Pamela Anna Mathew	O/E/N India Limited, Kochi
13.	Mr. K Vijay Kumar Gupta	Kwality Photonics Pvt. Ltd., Hyderabad
14.	Mr. Raj Kapur	JCT Electronics, New Delhi

Special Invitees

- | | |
|---------------------------|---|
| 1. Mr. Vipin Tyagi | Retd. ED, C-DOT, New Delhi |
| 2. Mr. V Venkappa | ELICO Limited, Hyderabad |
| 3. Mr. Ramana Prasad Alam | Amara Raja Electronics Ltd., Hyderabad |
| 4. Ms. Sujata Soparkar | Integrated Electronics Technology Pvt.Ltd., Thane |

The Executive Committee met 6 times during the year as follows:

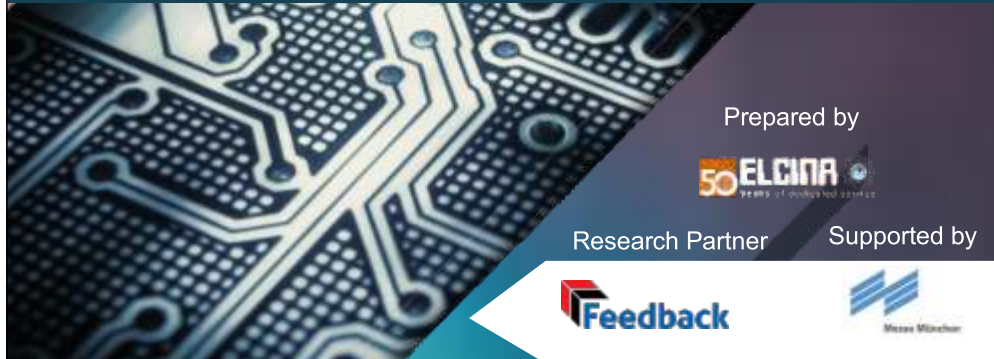
New Delhi	<ul style="list-style-type: none">• 25th Sept, 2020 (after 52nd AGM)• 16th October 2020 (Video Conferencing)• 22nd December 2020 (Video Conferencing)• 12th February 2021 (Video Conferencing)• 29th April 2021 (Video Conferencing)• 02nd July 2021 (Video Conferencing)• 27th August 2021 (Video Conferencing)
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REPORT ON THE INDIAN PRINTED CIRCUIT BOARD INDUSTRY AIMING FOR 10X GROWTH IN DOMESTIC MANUFACTURING

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Investment:

- **ELCINA Members :** INR 9,900/-
- **Non-Members:** INR 15,900/-
- **Overseas Buyers:** US\$ 400



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