

Activities and Services 2017-18

ELCINA Golden Jubilee Celebrations held on 13th September, 2017





Electronic Industries Association of India (ELCINA) was established in 1967 in Bombay (now Mumbai) with the objective of becoming a catalyst for the growth of Manufacturing in Electronics Hardware Industry, specially Components. Today ELCINA Completes its 50 years and the journey so far has been rewarding. Though the Electronics Industry in India witnessed slowdown in the era when neighbouring countries were scaling up their economies riding on the bus we missed. Nevertheless, India too has crossed significant milestones and ELCINA believes that these little things kept us afloat.

Commemorating its Golden Jubilee, ELCINA organized a conference with the theme "Electronics for Humanity" in New Delhi on 13th September.

ELCINA Golden Jubilee: India's tryst with the Electronics industry, that has been 50 momentous years in the making

Hon. Minister of State Shri Kiren Rijiju inaugurates special commemorative event on the theme 'Electronics for Humanity' in the presence of Dr. Ajay Kumar, Addl. Secretary, MeitY, Shri Yaduvendra Mathur, Addl. Secretary, Niti Aayog, Mr. C. K. Tien, Head of the Taipei Economic and Cultural Centre in India, Mr. Francis Tsai, Chairman, Getac Group, Taiwan and the who's-who of the India ESDM sector

Evening witnesses felicitation of Electronics Leaders, signing of an MoU between Info Power Technologies Ltd. and Mitac Holdings Corp., Taiwan, Unveiling of ELCINA Industry Book and ELCINA Investor's Manual and a Special Keynote on 'Electric Vehicles'

Conference is capped off by two high-powered panel discussions - 'Revolutionary Technologies Transforming Human Lives' and 'Road Ahead for Electronics Manufacturing'

A glittering commemoration event was hosted today at New Delhi to commemorate the Golden Jubilee of ELCINA – Electronic Industries Association of India, which was founded in Mumbai in September 1967.



Based on the overarching theme 'Electronics for Humanity', the event was formally inaugurated by Chief Guest Shri Kiren Rijiju, Hon. Minister of State, Ministry of Home Affairs, Govt. of India. Other dignitaries who graced the occasion were Guests of Honour – Dr. Ajay Kumar, IAS, Additional Secretary, Meity, Shri Yaduvendra Mathur, IAS, Additional Secretary, Niti Aayog, Mr. C. K. Tien, Head

of the Taipei Economic and Cultural Centre in India, Mr. Francis Tsai, Chairman, Getac Group, Taiwan and key office bearers of ELCINA.

Unveiling of ELCINA Industry Book and ELCINA Investor's Manual

To mark ELCINA's 50th anniversary, Shri Kiren Rijiju unveiled the **ELCINA Industry Book**, a manuscript which traces the journey of the electronics sector and enables readers to appreciate the role played by pioneers in driving the growth of the India





Electronics industry over last fifty plus years. Shri Rijiju also unveiled the **ELCINA Investor's Manual**, a hand book of procedures and policies for the investors who wish to understand and navigate emerging opportunities in the India ESDM sector,

"The key objective of this Investment 'Handbook' is to answer some of the most basic questions that an investor may have before investing in India" says ELCINA Spokesperson.

About ELCINA Industry Book

In the 'Industry Book' on India's Electronics Journey, ELCINA team have tried to trace the history of the electronics industry in India and how it has evolved over the last 50+ years. The book recognises that technology is changing at a fierce pace and that we, in India have a lot of catching up to do. Growth of the internet, mobile communication, surface mount technology and miniaturisation, (SMT) nanotechnology, artificial intelligence (AI) and Internet of Things (IoT) are altering the landscape of electronics a full 360 degrees. SMT components and semiconductors are driving design and functionality of new products. Thus, India must change its conventional thinking and electronics invest heavily in technology, components, special materials semiconductors. A lot is being attempted but it is not likely to be enough. We must do more and help the industry drive growth through valueadded manufacturing, design and increased investments in R&D.

About ELCINA Investor's Manual

As part of its 50th Anniversary celebrations, ELCINA is bringing out an important document – the Electronics Investor's Manual 2017. This manual aims to answer most of the questions an Investor may have before considering investments into the Electronics business in India. It was felt that compiling a Handbook on Investments is ideal at this stage, as there is considerable interest from many international firms and agencies looking to invest in India.

The key objective of this Investment 'Handbook' is to answer some of the most basic questions that an investor may have before investing in India:

- Why should we invest in India?
- How is the Indian economy doing today? What are the medium- to long-term prospects?
- How is the Electronics and ESDM sector in India now? How is the sector poised to grow?
- What are the policies of the Central Government and various state governments for investments related to the Electronics/ESDM sector in India?
- What investment options and routes are available to an investor?
- In which state of India should we choose to invest in facilities? Why? Where should we invest in these states?
- What are the key taxation related issues that impact the India Electronics sector?
- Whom should we contact to invest in India and in key states?
- What could be the typical benchmarks of cost for investing in various stages of the India ESDM sector?





"ELCINA has come a long way since its start-up years of slow growth. We look back with pride on how the Association has grown, slowly but steadily over the last 50 years. Today we have our own facilities constructed in 1994-95 with modern amenities – a dream come true – realised with the whole-hearted support of Members. From a one-man show, the Association today, has a strong Secretariat staffed with a team possessing diverse skill-sets, to address a wide range of industry issues. We have a galaxy of Industry Leaders on

the Executive Committee and access to Past Presidents to seek their guidance on all important matters," said Mr. Vikram Desai, President, ELCINA.

"Electronics helps provide a variety of reliable automation, lighting and industrial solutions for homes, schools, workplaces, utilities and public spaces – thereby directly increasing productivity, improving safety and efficiency, empowering underprivileged households, allowing space for free and independent individual creative expression and in improving the overall quality of life. It would not be an exaggeration to state that Electronics transforms lives," added Mr. Rajoo Goel, Secretary General, ELCINA.

ELCINA's strong commitment to creating an environment that will act as a catalyst to accelerate all-round growth of high value-added manufacturing in the country. "Our aim is to work closely with all stakeholders to enable local value addition, support acquisition of technology and facilitate joint ventures between Indian and global players. There is a strong need and a great opportunity to speed up the growth of electronics manufacturing in the country. This would benefit not only India, but also the regional and global electronics community by creating access to expanding global markets", said Mr. Pankaj Gulati







Felicitation of Electronic Leaders

The evening witnessed felicitation of Electronic industry leaders who had left no stone unturned to ensure that the ESDM industry took root and flourished in the country. Amongst those whose stellar contributions were recognised was – Mr. P. Sudhakar, OSD, DAE and ex CMD, Electronics Corporation of India Ltd., Mr. Satish Kaura, Founder, Samtel Group and Mr. Ajai Chowdhry, Co-Founder, HCL.



products.

Signing of MoU between India and Taiwan ESDM Partners

The evening's proceedings were further enriched by the signing of a Memorandum of Understanding (MoU) between Info Power Technologies Ltd. of India and Mitac Holdings Corp. of Taiwan. The MoU envisages an investment in setting up of a greenfield hi-tech plant to manufacture the fabrication of PCB, PCBA and electronic





Special Keynote on 'Electric Vehicles'

Mr. Francis Tsai, Chairman, Getac Group, Taiwan and Chairman of TEEMA's (Taiwan Electrical and Electronic Manufacturers Association) India Committee delivered a keynote presentation on the topic 'Electric Vehicles', an area of growing interest amongst global and Indian ESDM players.

High-Powered Panel Discussions

The evening's proceedings were capped by two high-powered panel discussions. The first panel, deliberating on the theme 'Revolutionary Technologies Transforming Human Lives' comprised Ms. Debjani Ghosh, Past President, MAIT (Digital Literacy and Technological Innovation), Shri Deepak Gupta, IAS (Retd.), Ex-Secretary, MNRE, Govt. of India and Hony. Director General, NSEFI (Renewable Energy), Mr. Prashant Rao, ED (S&T), DMRC (Public



Transport), Mr. Guruprasad Mudlapur, MD, Bosch Automotive Electronics India (Automotive Electronics) and Mr. Sudarshan Pitty, Head of Production in India for Nokia Solutions and Networks (IoT). The panel was moderated by Mr. Prasanto Kumar Roy, Vice President, NASSCOM Internet, Mobile and E-Commerce Councils.



The second panel covered the theme 'Road Ahead for **Electronics** Manufacturing' and the panel members comprised Mr. Vinod Sharma, MD, Deki Electronics Ltd. (Electronic Components), Mr. Pankaj Gulati, VP and COO, CDIL (Semiconductors), Mr. Amrit Manwani, CMD, Sahasra Group (PCB and EMS), Mr. Sanjiv Narayan, CMD, SGS Tekniks Manufacturing Pvt. Ltd. (EMS) and Dr. Sreeram Srinivasan, CEO, Syrma Technologies Pvt. Ltd. (EMS). The panel

was chaired by Mr. Ajai Chowdhary, Co-Founder HCL.

ELCINA has come a long way since its start-up years of and struggle through infancy. "We look back with pride on how the Association has grown, slowly but steadily over the last 50 years. Today we have a galaxy of Industry Leaders on the Executive Committee and access to Past Presidents to seek their guidance on key issues", said Mr. Vikram Desai, President, ELCINA.

The association has been an inseparable part of the journey of electronics manufacturing in India since inception. It has always been at the core of the electronics manufacturing sector for last 50 years representing the "brick and mortar" segment of ESDM sector. The sector has undergone a sea change in the last 2 decades and the structure and deliverables from the industry have undergone a transformation. The content and criticality of design, innovation and software has increased considerably enhancing capabilities of electronics equipment and extensive use of cutting edge technology, components and materials



Presentation ceremony of ELCINA-EFY Awards for 2016-17 (42nd Annual Award Function of ELCINA) held on 14th September, 2017 in **New Delhi**

The 'ELCINA-EFY Awards for Excellence in Electronics Hardware Manufacturing & Services for 2016-17 were presented to the winners during the 42nd Annual Presentation Ceremony at The Lalit Hotel, New Delhi, on 14th September, 2017 by Shri Ajay Prakash Sawhney, Secretary, MeitY, Govt. of India The awards ceremony was attended by senior government officials, members of ELCINA, representatives of Electronics For You (EFY) Group and captains of industry in large numbers.



WINNERS OF ELCINA-EFY AWARDS FOR 2016-17

EXPORTS

Large Scale

1st Prize EPCOS India Pvt. Ltd., Kalyani (WB) 2nd Prize Bharat Electronics Limited, Bangalore Certificate of Merit Cosmo Ferrites Limited, Solan (HP)

Medium Scale

1st Prize Sasmos HET Technologies Ltd., Bangalore 2nd Prize Kaynes Technology India Pvt. Ltd., Bangalore

Electronic Relays India Pvt .Ltd., Bangalore

Certificate of Merit Globe Capacitors Ltd., Faridabad

Small Scale

1st Prize KWK Resistors India Ltd., Bangalore 2nd Prize

Certificate of Merit Anshuman Tech Pvt. Ltd., Pune

QUALITY

Large Scale

1st Prize Lenovo India Pvt. Ltd., Pondicherry 2nd Prize CII Guardian International Ltd., Cochin Certificate of Merit Lava International Ltd., Noida

Certificate of Merit Intex Technologies India Ltd., Noida

SME

1st Prize Syrma Technology Pvt. Ltd., Chennai

2nd Prize Conformity Testing Labs Pvt. Ltd., New Delhi

Certificate of Merit Elin Appliances Pvt. Ltd., Solan

Certificate of Merit Sasmos HET Technologies Ltd., Bengaluru



ENVIRONMENT MANAGEMENT

Large category

1st Prize
 2nd Prize

SME category

■ 1st Prize : G P Tronics Pvt.Ltd., Kolkatta

RESEARCH & DEVELOPMENT

• 1st Prize : Centre for Materials for Electronics Technology, Thrissur

& its Industry Partner M/s Speedlam Electronics

Materials Pvt.Ltd., Hyderabad

2nd Prize : CT Control Tech (India) Pvt. Ltd., Bangalore & its

Technology Partner NIO, Goa

• 2nd Prize : Inxee Systems Pvt. Ltd., Gurugram & its Technology

Partner Sameer, Mumbai

• Certificate of Merit : SFO Technololgies Pvt. Ltd., Kochi

Certificate of Merit : Star Link Communication Pvt. Ltd., New Delhi
 Certificate of Merit : Centre for Development of Telematics, New Delhi

EXCELLENCE IN INNOVATION

Certificate of Merit : Nucleonix Systems Pvt. Ltd., Hyderabad :

BUSINESS EXCELLENCE

Large Category

1st Prize : Salcomp Manufacturing India Pvt. Ltd., Sriperumbudur

2nd Prize : MyBox Technologies Pvt.Ltd., New Delhi

Special Recognition : Astra Microwave Products Limited, Hyderabad

Medium category

1st Prize : Ind-Sphinx Precision Ltd., Parwanoo (HP).

ENTREPRENUERIAL EXCELLENCE

1st Prize : Mr. Hari Krishnan Puravankara, Founder & CEO

BlackPepper Technologies Pvt. Ltd., Bangalore

SPECIAL JURY AWARDS

OUTSTANDING CONTRIBUTION TO GROWTH OF LIGHTING & AUTO ELECTRONICS INDUSTRY

FIEM Industries Limited, Sonepat, Mr JK Jain, CMD

OUTSTANDING CONTRIBUTION TO PROMOTION OF INVESTMENT AND INDIGENISATION IN ESDM INDUSTRY

Mr. Manish Sharma, President and CEO Panasonic India and South Asia, VP, Appliances Company

ELECTRONICS COMPANY OF THE YEAR

Varroc Engineering Pvt.Ltd., Aurangabad, Mr. Tarang Jain, Managing Director

EXEMPLARY LIFELONG SERVICE TO THE ELECTRONICS INDUSTRY

 Dr. Debashis Dutta, Scientist 'G' & Group Coordinator –R&D, Ministry of Electronics & IT, Govt. of India

ELECTRONICS MAN OF THE YEAR

Mr. Vinod Sharma, Managing Director, Deki Electronics Limited, Noida



Delegation to Taiwan (Taitronics Show) – 11th to 14th October 2017

ELCINA organized a delegation to Taiwan to participate in the 43rd Taipei International Electronics Show i.e. TAITRONICS 2017 from 11th to 14th October, 2017. The delegation coincided with a special event organised by Govt. of Taiwan specifically for India on 13th October. A large Indian delegation comprising Industry and Govt. officials attended the summit on 13th October. The event was well attended by the delegates from both the countries. ELCINA Signs two important MOUs during on 13thOctober with TEEMA and TDUA for mutual cooperation.

The ELCINA delegation to TAITRONICS 2017 participated in a series of high-profile conference sessions, business meetings and industrial visits. These included – Opening Ceremony of TAITRONICS 2017 and Inauguration of the 'Make in India' Pavilion, 17thIndia-Taiwan Joint Business Council Meeting (co-hosted by FICCI – Federation of Indian Chambers of Commerce and Industry and CIECA – Chinese International Economic Cooperation Association), Taiwan-India Industrial Collaboration Summit, Taiwan-India B2B Meetings, Visit to First Hi-Tech Enterprise Company's PCB plant, and Visits to various Taiwan Enterprises and Industry Associations engaged in manufacturing and deployment of 'Smart City' infrastructure solutions.



Visit to First Hi-Tech Enterprise Co Ltd by Shri Ajay Prakash Sawhney IAS Secretary Meity along with ELCINA Delegation Members



Shri Ajay Prakash Sawhney IAS Secretary Meity addressing the 2017 Taiwan-India Industrial Collaboration Summit at TAITRONICS



Shri Sanjay Kumar Rakesh IAS Joint Secretary MeitY underscoring the India Opportunity for delegates at the 2017 Taiwan-India Industrial Collaboration Summit at TAITRONICS



MoU signed between ELCINA and TEEMA at the 2017 Taiwan-India Industrial Collaboration Summit at TAITRONICS



Mr. Pankaj Gulati, President, ELCINA addressing the Forum on Electronics Manufacturing at TAITRONICS 2017 Taipei, Taiwan



Mr. Rajoo Goel, Secretary General, ELCINA made a presentation on 'Display Market and Opportunities in India at TAITRONICS

India-Japan Joint Working Group Meeting at MeitY on 14th November 2017



Mr A Manwani, Sr. VP ELCINA making presentation on Indian ESDM Industry during 5th India-Japan Joint Working Group Meeting held at Meity on 14th November2017. The objective of the meeting was to reinforce the bilateral efforts for the development of ESDM sector.



Taiwan Green Energy Business Delegation visit to ELCINA House, 20th November, 2017



The MoU has been signed among ELCINA and Energy Industry Business Model Innovation Centre (EIBMIC) for a "Deeper cooperation needed to promote green energy industries and to build industrial competitiveness on the basis of mutual benefit".

The companies which are participated in this meeting are TAYA Electric Wire & Cable Co Ltd, manufactures of Power cable, Telecommunication cable, Fiber Optic cable and LEAD free PVC wire & Green mark wire. DIGISINE Energytech Co Ltd, manufacturers of Wind Turbine, Solar PV, Healthcare, Home Protection, Auto Electronic and LED

Light. Chung-Hsin Electric & Machinery Manufacturing Corporation, manufacturers of Electric motor & Generator and Ce Tech Co Ltd, manufacturers of Fuel Cell Components, Electrodes for VRB & Thermal Insulation.

The objective of their visit and the purpose of this meeting is to introduce these Green Tech technologies in India and also for Business collaboration and Partner with Indian Companies.

9th Source India 24th January 2018

The Source India Electronics Supply Chain witnessed strong participation by over 220 delegates, 21 buyer companies and 80+ ESDM Supply Chain related companies. The Conference hosted 20 eminent speakers from industry and Government. The Buyer Seller Meet witnessed keen interest with each Buyer having 12-15 meetings adding upto over 250 meetings in an intense session which extended to almost four hours.



In addition to the Inaugural Session, the Conference comprised of three panel discussions on Significance of an Integrated Supply Chain, Make in India - Enhancing Value Addition through Excellence in Manufacturing vs Policy Support, and Electric Vehicles – Paradigm Shift in Mobility.





Taiwan Business Delegation organized by Hsinchu Science Park and DigiTimes visited ELCINA on 5th Feb 2018.

The Participants included Mr. Colley Hwang,
President from Digi Times and Ms. Andrea T J Shyu,
Deputy Dir General and their colleagues Mr
Ethan Su and Mr Yu Ming Liu as well as Mr Chandler
from TECC.

Digitimes was founded by nearly 50 top Taiwan's technology companies and served as an important platform for media, industry, scholars and government agencies.

There were two Delegates represented from DigiTimes and three from Hsinchu Science Park

Bureau, Ministry of Science and Technology. The Ministry of Science and Technology set up HSP, the first establishment of its kind in Taiwan, since 1980. HSP now mainly houses Semiconductor and Optoelectronics ventures. More than 520 tenant companies employ more than 1,50,000 people.

Hsinchu Science Park and Digi Times have offered to work with ELCINA and expand cooperation between Indian and Taiwanese companies to expand R&D as well as business in the ESDM Sector.

Taiwan Electric Vehicle (EV) Business Delegation visit to ELCINA House, 08th February, 2018



The delegation included delegates from Gotech Energy Co. Ltd, a designer and manufacture EV battery modules by the technology evolved from traditional lithium-ion laptop battery in Taiwan in 2010, MiTAC International Corporation, a global leader in ICT Industry covering full range of Electronics Manufacturing Services (EMS) and delegates from Institute for Information Industry (III) who organized the visit. III is supported by Ministry of Economic Affairs to promote industrial collaboration between India and Taiwan.

The objective of their visit and the purpose of this meeting is to explore the areas and opportunities of Electric Vehicles and it's features that both ELCINA and Taiwan Companies can co-operate with.

IPC APEX EXPO 2018, San Diego Convention Centre, CA, USA-28th February to 1st March 2018



Mr. Paresh Vasani, Vice President-ELCINA has participated during the inaugural session of the ribbon cutting ceremony.



ELCINA Seminar - "An Introduction to the Indian Market - Specific Opportunities in Electronic Components and Products", 15th March, 2018, Taipei, Taiwan



In partnership with Institute for Information Industry (III), Taiwan, the India Desk of ELCINA organized a Seminar on 15th March 2018 in Taipei. The subject of the Seminar was "An Introduction to the Indian Market - Specific Opportunities in Electronic Components and Products". The discussion also included recent changes in the government policies to encourage "Make in India" in the ESDM sector. The Event commenced with introductory welcome speech by Mr. Stanley Wang, Dy. Director General of III. Mr. Wang

informed the participants about the partnership between III & ELCINA and the opportunities which were emerging in the Indian market.

Mr. Rajoo Goel, Secretary General ELCINA, gave a detailed presentation about the fundamental and structural changes which were being initiated in the Indian economy as well as the National Mission Projects such as countrywide provision of E-Governance, Smart Cities, National Solar Mission, Skill India and others which were creating huge opportunities for global players. Mr. Goel

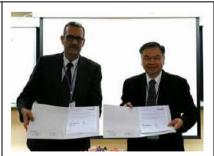


gave a detailed presentation on some of the key sectors in electronics where opportunities were growing.

Mr. Francis Tsai, Vice Chairman, Getac Technology Corporation and Chairman, India Economic & Trade Committee, TEEMAof GETAC Corporation participated in the program and addressed the Delegates. Mr Tsai has been leading the India Group of TEEMA and diligently promoting investments and business of Taiwan's companies from electronics sector in India. Mr. Tsai encouraged the Taiwanese companies to look to India and to visit India to understand the huge opportunities that the country provided and shared his own experience as he had been visiting India regularly and enabled a number of investments there.



ELCINA Meeting at Hsinchu Science Park (HSP) Bureau, Taiwan:



ELCINA Signs MOU with Center for India Studies, National Tsing Hua University, Taiwan



ELCINA presenting memento to TPCA on completing its 20 glorious years



Seminar on "Demand Growth and Policy Changes Unleash New Opportunities for Electronics Manufacturing" 25th May 2018 at, Pune.

ELCINA in Association With MCCIA Organised a Seminar on "Demand Growth & Policy Changes Unleash New Opportunities for Electronic Manufacturing" on 25th May at MCCIA Auditorium, Pune

In the seminar the speakers shared the recent developments in new policies and initiatives being taken by Govt of India as well as new opportunities emerging in India and in global markets. The Seminar was well attended by 60-70 delegates. Key speakers include ELCINA Presidnent Mr Pankaj Gulati, Mr Vikram Desai, MD, Desai Electronics,



Past President, ELCINA Mr. Ajay Bhagwat, Managing Director, Renu Electronics Ltd, Dr Sreeram Srinivasan, CEO, Syrma Technologies, Mr Sunil Naik, Director Operations, Jabil Circuit and Mr Rajan Shringarpure, Ex-MD, Vishay Components & Industry 4.0 Expert. Mr Amrit Manwani, Sr Vice President, ELCINA presented the Vote of Thanks.

Apart from the speakers from the industry, Mr Sanjay Koul, Principal Technical Officer and Addl Director from Ministry of Electronics & IT (MeiTY), Govt of India participated in the Seminar and spoke on developments on the policy front.

ELCINA Participation in JPCA Expo, Tokyo, Japan, 5-8 June, 2018



ELCINA being a member of WECC was invited to participate in JPCA show which was held in Tokyo during 5-8 June, 2018. WECC is a global platform of PCB/Electronics Associations from leading countries which include Japan, Korea, China, Hong-kong, Taiwan, EU, USA and India. From India, ELCINA & IPCA both are member of WECC.

ELCINA's participation in JPCA was important as it is the biggest and oldest show organized by WECC member association. It builds strong cooperation among these bodies and their constituents. ELCINA

informed about the industry study which we have been doing for last two year and it has become an annual resource for Indian PCB industry.

ELCINA in cooperation with MMI and IPCA is organizing IndiaPCBTech conference and IPCA expo during September this year in Bengaluru. Participation from global PCB companies is expected. ELCINA represented by Yogesh in JPCA expo put up a booth in the WECC pavilion and invited all WECC members to come to India in September.

9th Strategic Electronics Summit 5th – 6th July 2018, Bengaluru

ELCINA organized 9th edition of Strategic Electronics Summit 2018 during 5-6 July in Bengaluru. This year the Conference on "Building India as a Strategic Electronics Manufacturing Hub — A Vibrant Eco-System with MSME's, Private Partners and Public Sector" was very successful with over 500 Conference delegates. At any time there were over 175-200 delegates in the Conference demonstrating the





quality of the various sessions and the class of Speakers which attracted the delegates.



Further it gives us great pleasure to inform that SES 2018 witnessed unprecedented participation this year with over 300+ participating organisations, 43 exhibitors, 700+ Delegates and Business Visitors as well as Two important Industry Interactive Sessions hosted by BEL & HAL. These two sessions highlighted major opportunities for industry and sharing the way forward to engage with these two



Navratnas. To top this, the Conference contained two days of deliberations which were embellished with eminent speakers and subject experts.

Since last 9 years, ELCINA has been organizingSES every year and we are happy with the results and grateful for the support from industry and government. Strategic electronics is a major area of interest for the country in which ELCINA aims to contribute by playing the role of supporter and facilitator and enable expansion of the domestic supply chain.

SNAPSHOTS OF THE EVENT















ELCINA defEnnovation Awards 2018 Recognizing Excellence in Strategic Electronics



ELCINA defEnnovation Awards 2018 was held during the Strategic Electronics Summit 2018. The awards aimed to recognize outstanding companies who have made exemplary contribution in the field of Defence & Aerospace Electronics innovation (R&D, design and Manufacturing).



Winners of defEnnovation Awards 2018

EXCELLENCE IN INDIGENIZATION

Large:

1st Prize: Larsen & Toubro Limited, Bengaluru

2nd Prize: Centre for Development of Telematics (C-DOT), Bengaluru

MSME

1st Prize : Southern Electronics Pvt Ltd, Bengaluru

• 2nd Prize : Sasmos HET, Bengaluru

2nd Prize: MAGNATECH. Bengaluru

EXCELLENCE IN MANUFACTURING-COMPONENT

MSME

1st Prize: Kaynes Technology Pvt Ltd, Mysore

EXCELLENCE IN MANUFACTURING-PRODUCT

MSME

1st Prize: Alpha Design, Bengaluru

2nd Prize: Rossell TechSys, Bengaluru

2nd Prize: Electro Circuit Systems, Hyderabad

EXCELLENCE IN R&D

Large

1st Prize: Centre for Development of Telematics (C-DOT), Bengaluru

2nd Prize: BHARAT FORGE LIMITED, Pune

MSME

• 1st Prize: AVANTEL LIMITED, Vishakhapattanam

2nd Prize: Qmax Test Equipments Pvt Ltd, Chennai

STARTUP

1st Prize: BlackPepper Technologies Pvt. Ltd,

2nd Prize: SenseGiz Technologies Pvt Ltd, Belgaum