



Stalwarts from the manufacturing community along with the Union and State Ministers during inauguration of INTEC 2017.

Towards a Better Future

INTEC 2017: Witnesses Grand Opening

Beating the scorching heat of the sun with an indomitable spirit, the manufacturing community and visitors from across the country assembled yesterday to attend the inaugural function of INTEC 2017, the most significant industrial trade fair of the Coimbatore district of Tamil Nadu.

he significance of the trade event INTEC 2017 was apparent by the presence of many high level functionaries from the state and union governments at

the venue. Hon'ble Minister of State for MSME, the Govt of India, Haribhai Parthibhai Chaudhary was the Chief Guest of the event. He released the INTEC Fair Directory 2017 and சிறப்பான எதிர்காலத்தை நோக்கி

கோலாகலமாக தொடங்கிய இன்டெக் 2017 கண்காட்சி

கதிரவனின் சுட்டெரிக்கும் வெயிலையும் பொருட்படுத்தாது, சாதிக்க வேண்டும் என்ற உறுதியான உணர்வோடு இன்டெக் 2017 தொடக்க விழா நிகழ்வில் கலந்துகொள்ள உள்ளுர் உற்பத்தி தொழில்துறை சமூகத்தினரும் மற்றும் நாடெங்கிலுமிருந்து இதற்கென வந்திருந்த வருகையாளர்களும் நேற்று குழுமினர். தமிழ்நாட்டின் கோயம்புத்தூர் மாவட்டத்தில் நடைபெறுகின்ற இன்டெக் 2017 தொழில் கண்காட்சியானது, இந்திய அளவில் மட்டுமன்றி, சர்வதேச அளவிலும் புகழ்பெற்ற, கௌரவம் மிக்க கண்காட்சியாகும்.

ன்டெக் 2017 கண்காட்சி நிகழ்வின் தொழிலதிபர்களும் ெ முக்கி-யத்துவமானது, தொடக்கவிழா கொண்டதிலிருந்தே சிற நடைபெற்ற அமைவிடத்தில் இந்தியாவின் இந்திய அரசின் வ மத்திய மற்றும் மாநில அளவிலான முக்கிய இணை அமைச்சராக அமைச்சர்களும் மற்றும் பிற உயர் அதிகாரிகளும், சௌத்ரி இந்நிகழ்வின்

தொழிலதிபர்களும் பெருந் திரளாக கலந்து கொண்டதிலிருந்தே சிறப்பாக வெளிப்பட்டது. இந்திய அரசின் எம்எஸ்எம்இ துறையின் இணை அமைச்சரான ஹரிபாப்பார்த்திபாம் சௌத்ரி இந்நிகழ்வின் *Continued on page 2*



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- Union government has instructed all PSUs to clear MSMEs' invoices within 45 days of receipt.
- Investment in primary education, health and housing sector will ensure rapid national growth.
- In the next three years, we must be self-sufficient in defence, railways and housing sectors.

From page 1

coaxed the state authorities and CODISSIA's members to help the local MSMEs in all possible ways to raise their standards to match with their global counterparts. "In the next three years, India will be self-sufficient in the areas of Defence, Railways and Housing. Thus, MSMEs from Tamil Nadu have a wide scope to flourish," said the Union Minister.

Key Dignitaries

As special guests of the event, from the Tamil Nadu state's legislative side, were Hon'ble Minister for Municipal Administration, SP Velumani; Hon'ble Minister for Industries, MC Sampath; Hon'ble Minister for Housing and Urban Development, Udumalai K Radhakrishnan; Hon'ble Minister for Rural Industries, P Benjamin; and Hon'ble Deputy Speaker Pollachi V

Jayaraman. KK Jalan, Secretary to the Govt of India, Ministry of MSME, New Delhi and Mangat Ram Sharma, Principal Secretary to the Govt of Tamil Nadu, MSME Department were the Guests of Honour.

Hope for MSMEs

"The people of Coimbatore are self-made. Tamil Nadu state's new policies will boost export opportunities of the MSMEs operating here," stated Sharma. For the first time, the investment for the MSMEs has almost been doubled, he revealed.

Jalan appreciated CODISSIA's action plan for the development of the MSMEs in the state. "They (CODISSIA) will construct two more industrial parks that will add feathers to the cap of the Prime Minister's campaign for the 'Make in India' initiative." he noted.

கலந்துகொண்டார். ക്കരാബാ விருந்தினராக கண்காட்சி தொகுப்பேட்டை அவர் வெளியிட்டதோடு, உலகளாவிய சக தொழில் நிறுவனங்களுக்கு நிகராக தங்களது தரநிலைகளை உயர்த்துவதற்கு உள்நாட்டைச் சேர்ந்த எம்எஸ்எம்இ நிறுவனங்களுக்கு அனைத்து சாத்தியமுள்ள வழிகளிலும் உதவுமாறு மாநில அரசு அதிகாரிகளையும் மற்றும் கொடீசியா அமைப்பின் உறுப்பினர்களையும் அவர் வலியுறுத்தி கேட்டுக்கொண்டார். 'அடுத்த மூன்று ஆண்டுகளில் பாதுகாப்பு, ரயில்வே மற்றும் வீட்டுவசகி ஆகிய துரைகளில் இந்தியா பிருரை சாராது சுய சார்புள்ளதாக மாறிவிடும். ஆகவே தமிழ்நாட்டைச் சேர்ந்த எம்எஸ்எம்இ நிறுவனங்கள் இன்னும் செழித்து வளர்ந்தோங்குவதற்கு மிகப் பரவலான வாய்ப்பும், சாத்தியமும் இருக்கிறது," என்று மத்திய இணைஅமைச்சர் தனது உரையில் கமிப்பிட்டார்.

நிகழ்வில் கலந்துகொண்ட முக்கிய பிரமுகர்கள்

தமிழ்நாடு மாநில அரசின் சார்பில் நகராட்சி நிர்வாகம் மற்றும் சிறப்பு திட்ட அடலாக்கத் துறையின் அமைச்சர் எஸ்.பி. வேலுமணி, மாண்புமிகு தொழில்துறை அமைச்சர் திரு. எம். சி. சம்பத், மாண்புமிகு வீட்டுவசதி மற்றும் நகர்புற மேம்பாட்டு அமைச்சர் திரு. உடுமலை கே. ராதாகிருஷ்ணன், மாண்புமிகு ஊரக தொழில்துறை அமைச்சர் திரு. பி. பெஞ்சமின் மற்றும் மாண்புமிகு துணை சபாநாயகர் திரு. போள்ளாச்சி வி. ஜெயராமன், ஆகியோர் சிறப்பு விருந்தினர்களாக கலந்துகொண்டனர். இந்திய அரசின் எம்எஸ்எம்இ துறையின் செயலரான திரு. கே.கே. ஜலான், தமிழ்நாடு அரசின் எம்எஸ்எம்இ துறையின் முதன்மைச் செயலாளர் திரு. மங்கத் ராம் ஷர்மா ஆகியோர் கௌரவ விருந்தினர்களாக இந்நிகழ்வில் பங்கேற்றனர்.

எம்எஸ்எம்இ நிறுவனங்களுக்கு நம்பிக்கை அளிக்கும் எதிர்காலம்

"கோயம்புத்தூரைச் சேர்ந்த மக்கள் மற்றும் தங்கள் சுய உழைப்பு மற்றும் முயற்சியால் வாழ்க்கையில் முன்னுக்கு வந்தவர்களாவர். தமிழ்நாடு அரசின் புதிய கொள்கைகள், இங்கு இயங்கி வருகிற எம்எஸ்எம்இ நிறுவனங்களுக்கு ஏற்றுமதி வாய்ப்புகளை பெருமளவு ஊக்குவித்து உயர்த்தும்," என்று திரு. மங்கத்ராம் ஷர்மா கூறினார். முதன் முறையாக, எம்எஸ்எம்இ நிறுவனங்களுக்கான முதலீடானது, ஏறக்குறைய இருமடங்காகியிருக்கிறது என்பதை அவர் வெளிப்படுக்கினார்.

இம்மாநிலத்தில் எம்எஸ்எம்இ துறையைச் சேர்ந்த நிறுவனங்களின் முன்னேற்றத்திற்காக கொடீசியா மேற்கொண்டு வரும் சிறப்பான நடவடிக்கை திட்டத்தை திரு. ஐலான் மனமார பாராட்டினார். "இந்தியாவில் தயாரிப்போம் முனைப்பு திட்டத்திற்காக பிரதம மந்திரியின் இயக்கத்திற்கு மகுடத்தில் இன்னும் சில வைரங்களை பதிக்கும் வகையில், கூடுதலாக இன்னும் இரண்டு தொழில் பூங்காக்களை கொடீசியா அமைக்கவிருக்கிறது," என்று திரு. ஐலான் குறிப்பிட்டார்.



Explosion Protection

When Safety is the Priority

The solutions ensure ease of use for mobile workers in Oil & Gas, Refining, Chemical, Pharmaceuticals, and other hazardous industries.

epperl+Fuchs, 2016. announced the takeover of ecom instruments GmbH, a world market leader for mobile industrial devices for hazardous areas, ecom is a pioneer in developing explosion protection for mobile devices since 1986 and the first to introduce explosionproof cell phones, 4G smartphones, and tablets into the market.

The company domiciled at Assamstadt in Germany is a global player offering integrated solutions based on robust. reliable, and explosion-proof mobile hardware, state-of-the-art products (tablets, smartphones, PDA, etc.), peripheral devices, intelligent software, and applications as well as worldwide support. The mobile devices and solutions form the ideal basis to develop new solutions around the complex of Industrie 4.0.

Four Disciplines

In its four core disciplines of 'Mobile Computing', 'Communication'. 'Measuring & Calibration', and 'Handlamps', ecom offers a wide variety of innovative solutions. Each solution is claimed to combine uncompromising safety features with maximum functionality, and comes with all of the necessary approvals and certifications for use in a number of areas of application.

ecom has a comprehensive product range for mobile explosion protection. In 'Mobile Computing', the company offers an entire family of compatible tablets, peripherals, and accessories.

These customer-focused solutions ensure ease of use to mobile workers in Oil & Gas, Refining, Chemical, Pharmaceuticals, and other hazardous industries. The mobile products are suitable for worldwide use. Depending on the variant, the mobile solutions can be applied in rugged environments up to ATEX Directive Zone 1/21 or Division 1.

In times of Industrie 4.0, organizations increasingly recognize the capability of mobile solutions and the impact they have on operations. Technologies that reduce costs and improve efficiency are in demand. ecom's mobile phones, two-way radios, and headsets meet these requirements and enable unrestricted communication in explosive environments. Additionally, the devices enable break-throughs in workforce productivity, data quality, and the speed and accuracy of decision making.



Industrial Ethernet, I/O System

Meeting the Requirements

The extensive IP 67-rated I/O range available for EtherCAT P minimises wiring requirements and facilitates the highly flexible, decentralised data acquisition of all I/O signals in a machine or system. It is based on the one-cable solution EtherCAT P, which integrates proven EtherCAT technology with a power supply for connected devices.

ith EtherCAT P, Beckhoff combines ultra-fast EtherCAT communication and power supply (2 x 24 V DC/3A) in a standard 4-wire Ethernet cable. It enables direct power supply for both EtherCAT P slaves and the connected sensors and actuators in such a way that separate power lines can be eliminated, considerably simplifying system cabling. This makes EtherCAT P the ideal sensor, actuator and measurement bus, providing advantages both for connecting small remote I/O stations in terminal boxes and for decentralised I/O components located throughout the actual process.

EtherCAT P Box modules for all data acquisition requirements

A full range of EtherCAT P system and I/O components in protection class IP 67 is currently available for the 24 V I/O level. For connecting sensors and actuators, users can integrate any of the wide range of well-established EP Box modules from Beckhoff in the new EPP versions for EtherCAT P. These include a variety of 4, 8 and 16-channel

digital input box modules; 4, 8, 16 and 24-channel digital output modules; numerous 4, 8 and 16-channel IP 67 I/Os with combined digital inputs/ outputs; as well as RS232 and RS422/RS485 serial interfaces. There are also new EPP Box modules for analog input and output quantities,

Beckhoff Automation GmbH

such as ±10V/0...20 mA, differential/ absolute pressures, and data from resistance sensors, thermocouples and incremental encoders.

Free and flexible choice of topology, as enabled by EtherCAT, is equally possible with EtherCAT P.

The following IP 67 infrastructure components are available to set up the required network architecture in the field:

- EPP1111 EtherCAT P Box with ID switch
- & Co KG T: +49 (0) 5246 963-0 E: info@beckhoff.com www.beckhoff.com Hall & Booth: A - 18 EtherCAT T
- EPP1322 EtherCAT P junction with power feed-in and junctions with or without power refresh (EPP1332/ EPP1342)
- EPP9001 EtherCAT P/EtherCAT connector with power transmission
- EPP9022 EtherCAT P Box for diagnosing Us (system and sensor supply) and Up (peripheral voltage for actuators)

Significant benefits for machine engineering applications

EtherCAT P - which is now fully supported by the Ether CATTechnology Group (ETG) - reduces material costs for machinery, time and cost of installation as well as the frequency of errors in the installation process. In the machine itself it also minimises the installation space required for drag chains, cable trays and control cabinets. The entire automation process benefits from the reduced size of sensors or actuators, made possible by the new EtherCATP cables. Overall, equipment manufacturers now have considerably more freedom when designing their machinery and more leverage to reduce machine footprint.

CNC Machines

Facilitating Business Goals

With half a century of knowledge and experience in machine tool manufacturing sector, Gedee Weiler has made its mark in local and global markets. K Ganapathi Subramanian, Vice President, Marketing & Sales, Gedee Weiler Pvt Ltd sheds light on the company's goals that it plans to attain through this edition of INTEC.



>>> Our range of Eco Turn and Conventional Lathes are ideal for educational institutions «

K Ganapathi Subramanian Vice President, Marketing & Sales Gedee Weiler Pvt Ltd

ith over 50 years of experience in Machine Manufacturing sector, Gedee Weiler, today delivers CNC lathes and CNC turning centers manufacture components often critical to industries like textile, medical. automobile. domestic appliances and aerospace among others. With a strong presence in India, the company also exports to Europe, South East Asia and the Far East.

The company is an Indo-German venture established in the year 1966 in technical collaboration with GDW Werkzeumaschinen-Herzogenaurach Gmbh, Germany. It is a part of UMS Group Company.

With the setting up of manufacturing facilities by many global companies in India and with the presence of global machine tool builders in India, shows like INTEC offer both challenges and opportunities to Indian machine tool builders. "Thus, they are instrumental in having home-grown companies improve their technology, quality and reliability, and offer competitive products ideally suited for Indian conditions and market needs," said K Ganapathi Subramanian, Vice President, Marketing & Sales, Gedee Weiler Pvt Ltd.

Target audience

Coimbatore is well known for

textile machinery parts, pumps and automotive parts. "As our range of products cover components up to 200mm dia and 500 mm long, any small precision and high volume turned part manufacturers from the above fields are our target audience. **Ourrange of Eco Turn and Conventional** Lathes are ideal for educational institutions, while our conventional lathes have a good presence in tool rooms as well," said Subramanian.

Goals to be attained through INTEC

"We have developed innovative solutions which are unique in many ways combining process integration, multitasking and ease of operation which enable the user to reduce the cost per component for mass production as well as Tool Room applications," informed Subramanian. Post-INTEC, the company plans to continue to interact with its customers to understand their specific needs and offer them further customized products to enhance its business opportunities. "We are also looking for expanding our business in hitherto uncovered markets, by joining hands with capable and experienced partners identified during INTEC," he added.



ON THE SHOWCASE

Gedee Weiler is displaying some of its latest products at INTEC

Triax 300MT: a 3-axis multi-function machine with linear tools Quattroturn 500: a single spindle twin turret vertical lathe Uniturn 300HD: a highly rigid CNC turning machine LZ 330: a high precision

Cosmos @ INTEC 2017



Creating Waves

It's another successful year at INTEC for Cosmos Impex (India) Pvt Ltd, a leading player in CNC Machine Tools. The company's Executive Director, Bina Khambhaita, proudly shared the achievement of having sold two of its machines on the very first day of INTEC. Its CNC VMCs and surface grinding machines cater to the aerospace and defence sectors, in both local and global markets.

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Relays

"INTEC is a Boon for South India"

Electronic Relays India Pvt Ltd is all geared to showcase its new products in INTEC 2017. The show being held in South India, holds immense potential for the enterprises of the region, feels company's DGM, Business Development, Madhav R Badsheshi.

■ lectronic Relays India Pvt Ltd (ERI) is a manufacturer, exporter and supplier of Solid State Relays (SSR) and Modules. The electronic industry consists of various advanced technologies and engineering processes, which are complex and intricate. The Bangalorebased company is into consistently developing its products to cater to its domestic and international clients. "Our extensive experience and expertise have made us a preferred choice of many renowned Indian manufacturers to develop oil warning and ignition systems as per international standards," stated

Madhav R Badsheshi, DGM, Business Development, Electronic Relays India Pvt Ltd.

INTEC was born out of the sole intention of giving the regional companies of South India the muchdeserved exposure. Badsheshi is pleased that the show is closer to home and therefore, the companies in and around Tamil Nadu make sure not to miss the chance of participating in INTEC. "The show provides a good platform to showcase new products, meet customers and end users, understand business trends, and know the competitor's activities,"



ERI's new products at **INTEC 2017**

The city of Coimbatore is well-known for motor industry and textiles. ERI's product portfolio caters to these industries. "AC/DC motors can be controlled using SSRs. Similarly, the relays can be used for heating applications in textiles. They can also be used in the control panels replacing the conventional electrical contactors," informed Badsheshi.

Following are some products that the company will be displaying at INTEC

Sensing SSR with fault indication:

The conventional switching is now extended to sense the voltage and current and indicate if any fault occurs, thereby electronically monitoring the

Motor control SSR for forward/ reverse running with protection against over voltage, current, phase failure etc.: Conventionally, two electrical contactors are used for such application. In case of solid state switching technology, only one modular product can be used to control the direction of the motor.

DC motor forward /reverse SSR: This design is implemented using



>>> The show provides a good platform to showcase new products, meet customers and end users, understand business trends, and know the competitor's activities.

Madhav R Badsheshi **DGM**, Business Development Electronic Relays India Pvt Ltd (ERI)

MOSFETs connected in 'H' bridge configuration to achieve the motor direction control. It comes with a built-in interlock to avoid burning of







Global Manufacturing Cluster Vision 2030

DRAG	DAM	ME _	2 II	INE	2017

4.00 - 4.45 pm	Registration			
4.45 - 4.55 pm	Welcome Address by President - CODISSIA.			
	Mr. V. SUNDARAM, Managing Director, Sundar Enterprise. Governing Council Member - COINTEC.			
4.55 - 5.05 pm	GMCV 2030 "Vision Statement" by Chairman - INTEC 2017.			
	Mr. J. BALU, Managing Director - GKS ENGINEERING PVT. LTD., Secretary - COINTEC. Past President - CODISSIA.			
5.05 - 5.10 pm	Lighting of the Traditional Lamp			
5.10 - 5.30 pm	Inaugural Address on " Evolution Through Innovation"			
	Padma Shri. Mrs. RAJSHREE PATHY, Chairman & Managing Director - Rajshree Sugars and Chemicals Ltd. Founder - Indian Design Forum (IDF).			
5.30 - 5.50 pm	"GMCV 2030" Conference "Key Note Address" by Chief Guest			
	Mr. KRISHNAMURTHI VENKATARAMANAN, Chairman - L&T Hydrocarbon Engineering Limited. Former Chief Executive Officer & Managing Director - Larsen & Toubro.			
5.50 - 6.05 pm	"Successful Transition to GST" - Powered by SAP Business One by Special Guest			
	Mr. RAJESH KANNAN, C.E.O Conquer Infotech India Pvt. Ltd.			
6.05 - 6.10 pm	Visual Interlude of "SriLankan Airlines"			

6.10 - 6.25 pm "Brussels - Gateway for your Pan European Growth" by Special Guest Mr. JEAN- FRANCOIS AERNOUTS, Counsellor (Commercial), Brussels Invest - Export, Ministry of Brussels. Founder and CEO – UAVCO (Drone Manufacturers), Liège – BELGIUM. 6.25 - 6.40 pm High Tea 6.40 - 6.55 pm "Telecom & Technology Companies - Key for the Success of MSMEs" by Special Mr. JOYJEET BOSE, Vice President & Head - SME Operations Entire South, TATA Teleservices Ltd 6.55 - 7.15 pm "GMCV 2030" Conference "Presidential Address" by Chief Guest Dr. Bart De Groof, Consul General, Consulate General of the Kingdom of Belgium. Recipient of "Knight in the Order of the Crown - Belgium". 7.15 - 7.20 pm Visual Interlude of "Sri Eshwar College of Engineering". "Logistics Efficiency Enhancement Programme" - GST Readiness by Special Guest 7.20 - 7.35 pm Mr. S. A. Anthony Raj, Head - Supply Chain Operations - South, Gati Ltd 7.35 - 7.55 pm "Opportunities & Challenges for SMBs in Manufacturing Industry" by Guest of Honour Mr. Thyagu Valliappa, Executive Director - Sree Valliappa Textiles Ltd., Sona Valliappa Textile Mills Pvt. Ltd., Valliappa Software Tech. Park Pvt. Ltd., & Vee Technologies "Connecting Manufacturers to Emerging Global Markets" - Through World Trade Center Networking Platform by Guest of Honour - 7.55 - 8.15 pm Mr. Balaram Menon, President & C.E.O. - World Trade Center, Kochi & Bengaluru. Board Member - World Trade Center Associations, New York, USA. Momentos Presentation 8.15 - 8.30 pm Vote of Thanks by Hon. Secretary - CODISSIA Mr. A. Kumar, Managing Director - Sri Balaji Enterprices. Governing Council 8.30 - 8.40 pm Member - COINTEC 8.45 pm Dinner Conference Anchors: Mr. Solomon Porres, Managing Director - Cross Roads. & Ms. Keerthana George, Program Manager - BWI.

Management Intern: Students, Sri Eshwar College of Engineering.

Delegate Online Registration: www.texasventures.us/india/gmcv2020

Innovation

Launches @ INTEC

Trade fairs act as a perfect platform for companies to introduce their products and services. It is the easiest way to gain access to a highly-targeted group of people, generate sales leads and receive instant feedback. Below are the launches that took place on Day 2 of INTEC 2017.

Source: Magic Wand Media Inc





BR 45/22 from Karcher Cleaning Systems

BR 45/22 is lightweight, easy to transport cleaning machine with compact design, big wheels and fully foldable handle, ideal for cleaning highly small and blocked areas in shops, hotels, restaurants, kitchens, spas, and hospitals.

Hall & Booth: C - 91





Missed call alert storage device from Vizkon Technologies

The missed call logger aids in gaining potential customers by its auto Thank You SMS, mobile number verification system, opt in subscriptions, call back service and more.

Hall & Booth: F - 2





Wi AIR 1000 from Skytec Corporation

It is a compact, robust, portable, economical and environment-friendly packaging solution. It is an Air Cushion Machine that makes 400mm bubbles.

Hall & Booth: E - 507





Visuali by Redington3D

It provides services for rapid prototyping, rapid tooling and on-demand manufacturing. It also offers services on various 3D Printing technologies like SLA, SLS, FDM, Polyjet, Colorjet and Multijet printers; and also for Vacuum Casting, CNC Machining, Injection Molding and various Metrology Services.

Hall & Booth: D - 143





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