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February 2023



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Vision

To provide common physical infrastructure for micro, small and medium (MSMEs) under pump, motors and foundry sector of Coimbatore region.

Mission

- Common Modern Tool Room - First of its kind in Tamil Nadu.
- Rapid Prototyping machine (sand sintering) - First of its kind in India, as a common facility.
- Relocation of Foundry outside city limits - First of its kind in this region.
- Engineering Software training enabling SMEs of this region to get their wards trained at a common place.
- Foundry process improvement training/skill set improvements.
- Raw materials supply for supporting MSM enterprises of this region to obtain their Raw material at competitive prices.

In Brief

Coimbatore Industrial Infrastructure Association (COINDIA) is a Cluster development project funded by Government of India, Government of Tamil Nadu and frontline industries of Coimbatore. It is a project of about Rs.60 crores (GOI share Rs.39.39 Cr., GoTN share 1.21 Cr. plus 50 Cents land, COINDIA share about Rs.19 Cr), professionally managed by Functional/SBU levels with the board of management consisting of Industrialists.

The aim of COINDIA is to provide support and services across a wide spectrum of activities and to give a competitive edge to engineering enterprises - especially the pump, motor and foundry industrial cluster recognized by the IIUS.

Unique Features

- Common Modern Tool Room – First of its kind in Tamil Nadu.
- Rapid Proto Typing Machine – First of its kind in this region.
- Relocation of Foundry outside City limits – First of its kind in this region.
- Engineering Software Training enabling SMEs of this region to get their wards trained at a common place.
- Foundry process improvement training / skill set improvements.
- Skill Development Centre first in Tamil Nadu.



Coimbatore Industrial Infrastructure Association

II Floor, SIEMA Building, 8/4, Race Course
Coimbatore - 641 018
Phone: 0422 - 4394128, 4394227
Mail: info@coindia.in
Website: www.coindia.in

COINDIA Functional Units Key Contacts

Project/Head Office

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Phone : 0422-4394128, 4394227

Educational Cum Training Centre (ETC) CAD/CAM/CAE & Industrial School

Head (Training & Development)

Mobile : 95975 55941
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Email : training@coindia.in
coindiasupportdesk@coindia.in

Tool Room

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Email : cmtr2@coindia.in,
cmtradmin@coindia.in

Tool & Die Manufacturing

Manager – Toolroom (TRM)
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Email : production@coindia.in
unitheadcmtr@coindia.in

Raw Material Bank (RMB)

Order Placement : 96777-39001
Commercial Operations (Stockyard)
Phone : 97912-94912
Email : rmb@coindia.in

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Aqasub Engineering



Vice President
Shri. A. Sivashanmughakumar
Managing Partner
Sri Jayaram Foundry

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Krishnaveni Carbon
- Dr. S. Chandrasekar
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Mahendra Pumps
- Shri. N. Ramasamy
Sri Seethalakshmi Casting
- Smt. C.G. Sripriya
Best Group of Companies
- Shri. D. Gunasekar
Sri Ramakrishna Industries
- Shri. D. Vignesh, Ellen Pumps Pvt. Ltd
- Shri. M. Thirumurugan
GM-DIC, representing
Govt. of Tamil Nadu
- Dr. B. Vinod
Head-Robotics & Automation, PSG
Institute, representing R&D Institution,
- Dr. R. Subramanian
PSG, Technical Expert/Resource person

18th AGM - COINDIA

held on 22.08.2022



Events & Activities



COINDIA 3rd Committee meeting held on 26.11.2021



MoU with Sairam Engg College, Chennai on 10.12.2021



AICE Meeting held on 13.12.2021 at COINDIA Hall



MoU Renewal with Narasu's Sarathy Institute on 25.12.2021



ISO Audit Final MRM at Tool Room on 03.02.2022



Meeting with TIEMA Members on 12.02.2022

COINDIA Modern Tool Room

(TUV-SUV Certified ISO - 9001 - 2015)

Tool Room Service includes Designing & Manufacturing of:

- Press Tools
- CNC - Wire EDM
- Jigs & Fixtures
- Pumps, Motors, High Precision Machine Components
- VMC 3/4/5 Axis
- Pressure die casting
- Guages
- Plastic Injection Molds
- CNC Turning
- CNC Sparking

Major Clients



Visitors

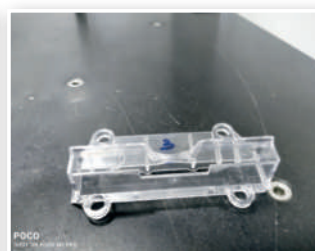
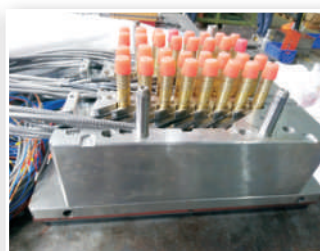
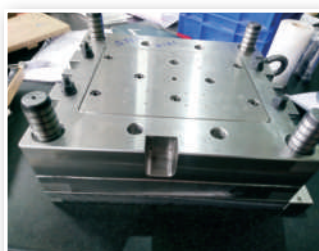


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Understanding the 5 Primary Areas of Robotics

As the field of robotics grows ever more sophisticated, a greater number of technicians are required to lend their talents to design, program, and maintain robots and robotic systems. Not surprisingly, the complexity of these machines and systems has spawned five specialized areas within the field of robotics:

1. Operator interface
2. Mobility or locomotion
3. Manipulators & Effectors
4. Programming
5. Sensing & Perception

Since the development of today's most advanced robotic systems is no easy endeavor, those tasked with their design, programming and maintenance often look to hone in on a particular field of expertise. This article will explore those fields in greater detail.

1. Operator Interface

A robot is only as good as its ability to effectively communicate with

a human controller. The operator interface – commonly referred to as a Human Robot Interface – is the medium that allows the user and the robot to communicate. Most specifically, it is the method by which a human operator can give pre-programmed commands for the robot to execute.

A gaming controller is an example of a basic Human Robot Interface (HRI). It allows a player to issue a set of commands to the system, which are then executed in the game. In manufacturing, an industrial touchscreen computer on a piece of equipment or in a centralized control room is also a form of HRI. The operator can issue commands to the conveyor or other device to execute on the factory floor.

A great deal of care needs to go into the design of HRIs. They must be intuitive to use, and enable operators to communicate effectively with the robot, in order to execute tasks accurately and efficiently.

2. Mobility or Locomotion

In order for a robot to complete a task, it needs to be able to move in its environment. In robotics, this movement is called locomotion. Mobility in robotics is achieved in many different ways. For example, some robots mimic human movement, like those used on assembly lines or those whose design is based on human anatomy. Flying robots and drones make use of propellers and other propulsion systems. Other robots, such as the rovers deployed on Mars and other celestial bodies, require wheels to get around. In short, the environment a robot will be used in often determines how the engineer will design the mobility system.

3. Manipulators & Effectors

For any robot to be worthwhile, it must be able to interact with its environment; that's where manipulators and effectors come into play. These are the parts of the robot that allow it to pick up objects and move them, or manipulate items that are separate from the system. Human-like robots will employ appendages and digits that work like human hands, in order to complete a given task. In industrial settings, manipulators and effectors are perhaps more commonly represented by pincers, claws, or pushers which are all uniquely suited to move heavy pieces of equipment or materials. Like the other disciplines listed in this article, having the foundational knowledge received from robotics technician training can prepare aspiring robotics engineers and technicians for specializing in this area of robotics.

4. Programming

Programming is essentially the language an operator uses to communicate with the robot. Traditionally, any action that a robot was required to perform had to be programmed. These days, advanced programming allows robotic systems to learn and adapt to changes within its environment, which is truly a remarkable feat of engineering.

Generally speaking, commands can be provided by the user in real time for the robot to perform, or the robot can be programmed to perform a series of tasks, in sequence, autonomously. Regardless of the method the commands are given, each robot can be programmed using one of more than a thousand different programming languages, so an engineer looking to specialize in this particular field of robotics will have a lot to become proficient in.

5. Sensing & Perception

Robots use sensors to gather information. This information lets the robot know the physical space it occupies, where it needs to go, and if any obstacles block its path. Sensors also collect information to help the robot decide how to react to objects it encounters. The right sensor must be selected for each robot's specific application to ensure that the correct decisions are made.

As the field of robotics expands with integration across industries, so too will the demand for experienced robotics technicians to maintain these technologies.

Promoting Energy Efficiency and Renewable Energy in MSMEs - a Cluster Project under

UNIDO - GEF - BEE - Joint Initiative

To develop and promote a market environment for introducing energy efficiency and enhance use of RE technologies in process applications across MSMEs.

Promoting Energy Efficiency and Renewable Energy in selected MSME

Project Status - Phase 1

- Project Started on : July 2014
- No of Units Covered : 100
- DPR's Submitted : 70
- EE Case studies : 98
- Walk Through Audits : 65
- Detailed Energy Audits : 50

Energy Savings - Phase 2

- Energy saved = 5.15 million kWh/annum
- Energy savings equivalent = 470 toe/annum
- CO2 reduction = 4695 tons/annum
- Monetary savings = Rs. 5.4 Crores
- Investment = Rs. 7.07 Crores

Project Status - Phase 2

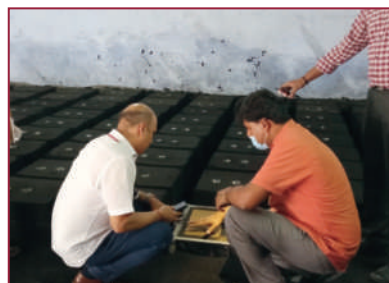
- No of EE Projects implemented = 102
- Target = 100
- Visited Units = 332
- EOI Collected = 134
- WTA Completed = 101
- EE Technologies = 34

Energy Savings - Phase 2

- Energy saved = 9.21 million kWh/annum
- Energy savings equivalent = 5620 toe/annum
- CO2 reduction = 43046 tons/annum
- Monetary savings = Rs. 8.6 Crores
- Investment = Rs. 23.8 Crores (Target = 6.5 Crores)

- EMC inaugurated on 10th March 2017 @ COINDIA
- COINDIA facilitates the Functioning of Energy Management Centre
- Energy Audits carried out at nominal fare
- Members can hire the EMC instruments at nominal fare
- **Revenue generation around 22.60 Lakhs INR**
- Under PEACE scheme DEA carried out from Sep 2019 and the members got 50% subsidy TN government.
- 11 - Energy audits completed and revenue generated Rs. 12 Lakhs (Sep 2019 to Oct 2022)
- Two Foundries got Subsidy for Post Implementation - 2.4 Lakhs INR

Glimpse of Project Evaluation by PMO (Project Management Unit)



Documentary on EE / RE COINDIA CLUSTER PROJECT on its Successful Completion





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Magnesite Coating

Mica Slip Plane

PK 51

Pyrometer

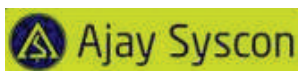
Slag Remover

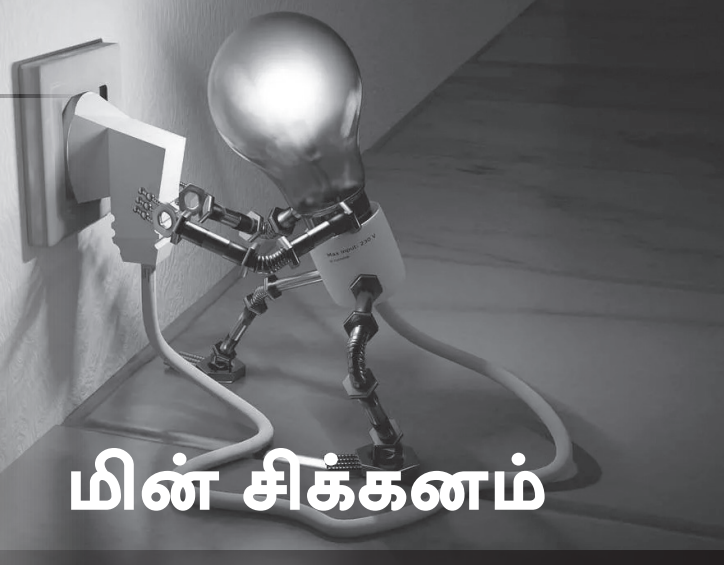
Whytheat A

Zircon Coating

Zircon Sand

MANUFACTURERS





மின் சிக்கனம்

எலக்ட்ரானிக் மற்றும் எலக்ட்ரிக்கல் சாதனங்களை ஆபரேட் செய்ய ரிமோட் வந்தப்புறம் மெயின் ஸ்விட்ச் ஆஃப் செய்யவேண்டும் என்ற எண்ணம் பெரும்பாலானோருக்கு வருவதே இல்லை. டிவி, டிவிடி ப்ளேயர், ஏசி, இப்படி எல்லாமே ரிமோட் மூல் அணைத்துவிட்டு அமைதியாகி விடுகின்றனர். ஒரு சிலர் ப்ரிஜை திறந்து வைத்துக் கொண்டு நீண்ட நேரம் ஆராய்ச்சி

செய்து கொண்டிருப்பார்கள். இன்டக்ஷன் ஸ்டவ், வாஷிங் மெஷின், இன்டெர்நெட் மோடம் போன்றவைகளுக்கு வரும் இணைப்புகள் இயக்கநிலையிலேயே தயாராக இருக்கும் பலரது வீடுகளில். இப்படி ரிமோட் மூலம் அணைத்து விட்டால் அந்த சாதனம் ஸ்டேன்ட் பை மோடு போய்விட்டால் மின்பயன்பாடும் செலவும் இருக்காது என பலர் கருதுகின்றனர்.

முன்னர் பொருத்தப்பட்ட மீட்டர்களில் மேக்னடிக் மூலம் ஒரு சக்கரம் சுழலும். அது மிகச்சிறிய அளவு செலவாகும் மின்சாரத்தை கணக்கில் கொள்ளாது. ஆனால் தற்போது எல்லா மின்இணைப்புகளும் ஸ்டேடிக் (Static) மீட்டர்கள் பொருத்தப்படுகின்றன. ஏற்கெனவே இருந்த பழைய மீட்டர்கள் எல்லாவற்றையும் மாற்றி கடந்த சில வருடங்களாக இந்த மீட்டரை பொருத்துகின்றது மின்வாரியம்.

இந்த மீட்டர்கள் மிகவும் துல்லியமாக மின்சார செலவினை கணக்கீடு செய்பவை. மொபைல் சார்ஜர் பயன்படுத்தினாலும், பயன்படுத்திய பின்னர் மறந்து ஸ்விட்ச் ஆஃப் செய்யாமல் போனாலும் மின்கணக்கீடு என்பது இந்த மீட்டர்கள் துல்லியமாக செய்கின்றன. ரிமோட்டில் அணைக்கப்பட்ட சாதனங்களில் ஸ்டேன்ட் பை மோடில் செலவாகும் மின்சாரத்தையும் மிகச்சரியாக கணக்கில் எடுத்துக்கொள்ளும். அதே போன்று ஜீரோ வாட் பல்புகள் மின்சாரம் செலவாகாது என பல வீடுகளில் இரவு முழுவதும் எரிய விடுவார்கள். அதற்கு 5 வாட்டிலிருந்து 10 வாட் மின்சாரம் செலவாகும். ஆனால் சொல்வது ஜீரோ வாட்.

ஒரு டியூப் லைட் 40 வாட் வரை மின்சாரம் செலவிடக்கூடியது. அதற்கு பதிலாக எல்.இ.டி பல்புகள் 20 வாட்டில் அதே அளவு வெளிச்சத்தை தரவல்லது. டியூப் லைட்டிற்கு பதிலாக இவற்றை

மாற்றிக்கொண்டு மின்சாரத்தை சேமிக்கலாம். ஏசிக்கு சீராக மின்வினியோகம் செய்யும் ஸ்டேபிலைசரை பலர் ஆஃப் செய்வதேயில்லை. ஏசியும் ஸ்டேன்ட் பை மோடில் வைத்து விடுவார்கள். இரண்டுமே மின்சாரத்தை உறிஞ்சக்கூடியது. பயன்படாத நேரங்களில் அணைத்து விடுவது நல்லது.

நமது தேவைக்கு பயன்படுத்திய பின்னர் அனைத்து மின்சாதனங்களையும் ரிமோட் மூலம் அணைக்காமல் நேரடியாக மெயின் இணைப்பினை துண்டித்து மின்சாரத்தை சேமிப்பதோடு நமது பணம் விரையமாவதை தடுக்கலாம்.

இப்படி ரிமோட் மூலம் அணைக்கப்படும் எலக்ட்ரானிக் எலக்ட்ரிக் உபகரணங்கள் பயன்படுத்தும் மின்சாரம் 2 மாதங்களுக்கு குறைந்த பட்சம் 10 யூனிட்கள் வரை இருக்கலாம். இரண்டுமாதத்திற்கு ஒரு முறை மின்கணக்கீடு செய்யும் போது 500 யூனிட்கள் வரை பயன்படுத்தும்போது அதற்கான கட்டணம் 1130 ரூபாய். அதில் 10 யூனிட்கள் கூடுதலாக பயன்படுத்தும்போது செலுத்தவேண்டிய மின்கட்டணம் ரூபாய் 1846. ஏறத்தாழ அதிகப்படியான அந்த 10

யூனிட் என்பது ஒருவர் செலுத்தவேண்டிய மின்கட்டணத்தின் தொகையை 716 ரூபாய்க்கு கூடுதலாக்கிவிடுகின்றது.

எனவே நமது தேவைக்கு பயன்படுத்திய பின்னர் அனைத்து மின்சாதனங்களையும் ரிமோட் மூலம் அணைக்காமல் நேரடியாக மெயின் இணைப்பினை துண்டித்து மின்சாரத்தை சேமிப்பதோடு நமது பணம் விரையமாவதை தடுக்கலாம்.

அதிகப்படியான மின்சாரத்தை அனாவசியமாக பயன்படுத்தும் மக்களின் அதிகப்படியாக தேவையின் காரணமாக ஒட்டுமொத்தமாக மின்சார தயாரிப்பிற்காக ஆகும் செலவினங்கள் பொதுவில் வைக்கப்படுகின்றது. எனவே கூடுமானவரை மின்சாரத்திற்கு ஆகும் செலவினை கட்டுப்பாட்டிற்குள் கொண்டுவருவது அவசியமாகின்றது.

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COINDIA Education Cum Training Centre (ETC)

TRAINING & TRADES

S.No.	Name of the Trade	Duration	Qualification
1.	CNC Setter Cum Operator -Turning	3 Months	10th, 12th, ITI, DIPLOMA, Any Degree Age Limit 18- 35 Years
2.	Lathe Operator	3 Months	
3.	Maintenance Technician- Mechanical	3 Months	
4.	Goods & Service Tax (GST) - Accounts Assistant	3 Months	
5.	Accounts Executive (accounts Payable & Receivable)	2 Months	

TRAINING DETAILS

INDUSTRIES

Direct : 250
Indirect : 1500

INSTITUTIONS
55

GOVERNMENT SCHEMES

GoI - NSDC, PKMVV
GoTN - TNSDC
Mahalirhittam
Valndhukattovom
CSR : Federal Bank
Rotary Club

வேலைவாய்ப்பற்ற இளைஞர்களுக்கு (வயது : 18 முதல் 35 வரை 10th Pass)
ஓர் அரிய வாய்ப்பு - இலவச திறன் பயிற்சி மற்றும் வேலைவாய்ப்பு
இடம் : ஆவாரம்பாளையம், கணபதி அருகில், கோவை
தொடர்புக்கு : 0422-4273775 / 95975 55941

ACTIVITIES DURING THE PERIOD



Training in Milling - TNSDC



Training in Accounts & Tally - CSR



Training at PSNA College, Dindigul



Joint training program with
MSME date 15.2.2021

For more details :
D. Rajaji, Head - Training & Development
Mobile : 95975 55941, E-mail : training@coindia.in

Events & Activities



Past President Shri. Mahendra Ramdass meeting with Hon. Finance Minister of Tamil Nadu during May 2022



VP Shri. K.V. Karthik, Committee Member Shri. Mithun Ramdas and Shri. Ma. Senthilkumar met the Hon'ble Industries Minister of Tamil Nadu Thiru. Thangam Thennarasu on 25.05.2022



VP Shri. K.V. Karthik handed over COINDIA representation to the Secretary to Hon'ble Chief Minister of Tamil Nadu Thiru. Udayachandran, I.A.S., on 19.05.2022



COINDIA 5th Committee Meeting held on 26.05.2022



Green Tree Workshop held on 20.05.22 Under UNIDO - GEF - BEE Project



Events & Activities



ISO 9001-2015 - Felicitation function - 25.04.22 Certificate received by Founder President Shri. G. Rajendran from TUV-SUV for our Tool Room



CMTR Team with ISO 9001-2015 Certificate



UNIDO Webinar held on 15.04.22



Visit of State Planning Commission on 08.05.2022



Green Tree Workshop held on 20.05.22 Under UNIDO Project



Meeting with Odisha Officials on 23.5.22

COINDIA Education Cum Training Centre (ETC)

Various Training held during the Period



Accounts & Tally and Soft skill Training Batch 2022



Lathe Operator Training 2022



Training in CNC Operator cum Programming 2022



CNC Programming - SB Global



Job Fair - Candidate sourcing at PA College, Pollachi on 6.8.22



Job Fair participated at Ramu college Pollachi on 29.10.22

Training Projects

- TNSDC (Tamil Nadu Skill Development)
- CSR (Corporate Social Responsibility) under Federal Bank through SB Global
- DDGYK, GoI
- Mahabir Thittam - GoTN
- RURBAN
- Rotary Club, Coimbatore

Training with MoU signed Institutions

- PSNA College, Dindigul
- KKIT, Coimbatore
- Gnanamani College, Namakkal
- Rangalatchumi Educational Trust
- Narasus Sarathy, Salem
- Sri Sai Ram Engineering, Chennai

Industry direct Recruitment at COINDIA Training Centre



Atnu Pumps



Hydro pumps



Ranganathar Industries

For Details: **D. Rajaji** Training & Development,
 Mobile: 9597555941, E-mail: training@coindia.co.in, coindiasupportdesk@coindia.in

The ...E... life!!! *a Beautiful message*

*In this world of E-mails, E-ticket, E-paper, E-recharge,
E-transfer and the latest E-Governance..E- commerce.*

Never Forget "E-shwar (God)"

who makes e-verything e-asy for e-veryone e-veryday.

"E" is the most Eminent letter of the English alphabet.

Men or Women don't exist without "E".

House or Home can't be made without "E".

Bread or Butter can't be found without "E".

*"E" is the beginning of "existence" and the end of
"trouble."*

It's not at all in 'war'

but twice in 'peace'.

It's once in 'hell' but twice in 'heaven'.

"E" represented in 'Emotions'

*Hence, all emotional relations like Father, Mother,
Brother, Sister,wife & friends have 'e' in them.*

"E" also represents 'Effort' & 'Energy'

Hence to be 'Better' from good both "e" 's are added.

*Without "e", we would have no love, life, wife,
friends or hope*

*& 'see', 'hear', 'smell', or 'taste' as 'eye' 'ear', 'nose' &
'tongue' are incomplete without "e".*

Finally no 'Life' & 'Death' without "e".

*Hence GO with "E"
but without E-GO*



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COINDIA - in NEWS

தினமலர்
கோயம்புத்தூர் : செவ்வாய் | 23.8.2022

‘ரோபோ’ சிட்டியாக கோவை ‘கிளஸ்டர்’ கோரும் கோயிண்டியா

23rd August 2022

கோவை, ஆக. 23-
“கோவையை ‘ரோபோ’
சிட்டியாக உருவாக்க
வேண்டும்.”
கோயிண்டியா தலைவர்
கார்த்திக் கூறினார்.
கோவையில் கோயின்
டியா, 18வது ஆண்டு
பொதுக்குழு கூட்டம்
நேற்று நடந்தது. இதில்,
கோயிண்டியா புதிய தலை
வராக டெக்னோ பம்ப்ஸ்
கார்த்திக் தேர்வு செய்யப்
பட்டார். துணைத் தலை
வர்களாக சிவசண்முகம்,
கிருஷ்ணக்குமார் தேர்வு
செய்யப்பட்டனர்.
தொடர்ந்து கார்த்திக்
உள்ளிட்டோர் கூறியதா
வது:
கோவையின் வளர்ச்சி
னியரிங் தொழில் வளர்ச்சி
கிக்காக, பவுண்டரி முதல்
பம்ப் வரை அனைத்தை
பம்ப் மேம்படுத்த உருவாக்க
யும் மேம்படுத்த உருவாக்க
பட்ட ‘கிளஸ்டர்’ திட்டம்
தான் கோயிண்டியா.
கோவையில் பம்ப் தொழி
லின் பங்கு குறைந்து
வருகிறது. இதை ஈடுக
டுவதற்கு, ‘ரோபோ’ உரு

கோயிண்டியா தலைவராக தேர்வு செய்யப்பட்டுள்ள கார்த்திக் (நடுவில்). துணைத் தலைவர்கள் சிவசண்முகம் (இடது), கிருஷ்ணக்குமார் (வலது) ஆகியோர்.

தேவையான அடிப்படை வசதிகளை கட்டமைப்பது போதுமானதாக இல்லை. ஒரு காலத்தில் கோயின் பம்ப் உற்பத்தியில், தேவையான கொள்முதல் சதவீத பங்கினை கொடுத்திருந்தது. குறைந்து வந்திருந்த பங்கினை, ஈடுகட்டுவதற்கான நடவடிக்கை மேற்கொள்ள ஆலோசனை வகுவருமா, அவை உள்ளதா, அது உண்டா என்பதை அறிய வேண்டும்.

DINAMALAR- News Paper

COINDIA moots robotics cluster for Coimbatore

Plans to submit a DPR to the government requesting for help to establish it

SPECIAL CORRESPONDENT COIMBATORE

The Coimbatore Industrial Infrastructure Association (COINDIA) has mooted a robotics cluster for Coimbatore.

K.V. Karthik, the newly-elected president of COINDIA, told *The Hindu* four to five companies in Coimbatore were manufacturing robots now, but not on a large scale.

Western countries are increasingly opting for robots in manufacturing and with higher use of robots, these countries will be able to ramp up manufacturing at a lower cost. Countries such as India will lose on cost competitiveness in such a scenario. Development of

There is just one robotics cluster globally - in Denmark. If Coimbatore is able to develop the cluster, several opportunities will open up for industries here.

al opportunities will open up for industries here,” he said. COINDIA recently tied up with PSG College of Technology to train candidates in robotics. “We plan to submit a Detailed Project Report (DPR) to the government requesting for necessary help in establishing the cluster,” he said. This will be one of the areas of focus for COINDIA, apart from its regular activities such as tool room and training.

Another thrust area for the Association will be supporting micro, small and medium-scale (MSME) pumpset units here to make motors for electric vehicles. “Coimbatore pumpset industry has the necessary infrastructure to manufacture more than three lakh motors a month. The facilities can be used to manufacture EV motors,” he added.

This will be a joint initiative with Southern India Engineering Manufacturers Association and Science and Industrial Testing Research Centre. Development of motors for EVs requires time and money, and the State government should support this, he said. While two-wheel companies are manufacturing motors now for EVs, if there is an option to source it from MSMEs, the cost may be lower. “No other city in India manufactures motors of this volume,” he added.

THE HINDU - News Paper

Coimbatore who are in Robotics or plan to enter in Robotics can contact COINDIA office.

Coimbatore Pumpset Industry has the necessary infrastructure to manufacture more than 3 lakh motors a month. The facilities can be utilised for manufacture of EV motors, for which support in R&D and testing is required. No other city in India can manufacture motors in these volumes. We request the government to support us by a grant for establishment of a EV motor R&D centre.

Immediate Past President Jayakumar Ramdas, Founder President G Rajendran, Founder D Balasundaram, Past Presidents N.Visvanathan, Mahendra Ramdas, S.Kuppasamy, SIEMA president D Vignesh, IIF Southern Region Chairman S.Muthukumar, IIF Coimbatore Chapter Chairman Sathyamoorthy, CII Coimbatore zone chairman Prasanth, SiTarc President Ma Sendil kumar, office bearers of SIEMA, IIF and other Associations participated in the event.

தினமலர்
திருச்சிவபுரம் : செவ்வாய் | 23.8.2022

தி கோவை மெயில்

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-கே.வி. கார்த்திக், தலைவர், கோ இன்

கோயிண்டியா தலைவர் கார்த்திக் (நடுவில்). துணைத் தலைவர்கள் சிவசண்முகம் (இடது), கிருஷ்ணக்குமார் (வலது) ஆகியோர்.

THE COVAI MAIL- News Paper

PRESS NOTE: 23 AUGUST 2022

Mr. K.V. Karthik, Managing Director of Deccan Industries, has been unanimously elected as the 7th President of The Coimbatore Industrial Infrastructure Association (COINDIA), during the 18th Annual General meeting of the Association. Mr. V. Krishnakumar of Aqua Sub Engineering and Mr. A. Shivashanmughakumar of COSMOFAN were elected as Vice Presidents.

COINDIA is a Special Purpose Vehicle (SPV) created for implementing Industrial Infrastructure projects for benefit of MSMEs belonging to Pump, Motor, Light Engineering and Foundry sectors. COINDIA is the best cluster formed under the IIUS scheme. COINDIA is the first cluster from Coimbatore to receive Grant from Government of India for Industrial Infrastructure Improvement.

Mr. Karthik said, Robotics is set to transform the manufacturing industry in the next few years. Robots increase productivity, efficiency, quality and consistency of products and forms the base of Industry 4.0.

We are witnessing an era of artificial intelligence with steady integration of robots into our everyday life. Robots will soon become so much a part of our lives that we will stop thinking of them as robots; just the things we live with. Robots are applied in several sectors today – industrial, commercial, military, medical, entertainment and in exploration.

To be globally relevant and competitive, the country needs to embrace Robotics fully. Though the industry is more than willing, the cost and trained man power remain constraints. COINDIA has recently signed an agreement with PSG College of Technology for training graduates on Robots. To make Robots affordable, we are planning to establish a Robotics cluster at Coimbatore like the odense cluster in Denmark.

We plan to submit a Detailed Project Report (DPR) to the Government



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Events & Activities



CMA Bridge Conclave 27.5.22



Vice President Shri. K.V. Karthik Speaks at Bridge Conclave 27.5.22



CMA Bridge Conclave 27.5.22



President Jayakumar Ramdass Speaks at Odisha Investor meet held on 7.6.22



Cluster Foundry Visit by UNIDO Representative Dr. Anpam Anand Sr. Evaluation Officer, GEF-IEO, DC on 21.06.22



UNIDO Officials Meeting with COINDIA Office Bearers on 21.06.22



Wisdom and Knowledge

Many of us may get confused when asked about the difference or relationship between wisdom and knowledge. On the surface level, both look similar, if not the same. But the thing is, wisdom is more abstract in nature and knowledge is somewhat technical.

Knowledge

Knowledge comes from reading, exploring, learning, and educating oneself. In order to increase the knowledge, one can turn toward reading more books or learning and specializing in a skill. In other words, it is measurable up to a certain extent.

Wisdom

Wisdom is what life and its experiences teach us. Being wise is not the same as being intelligent. It is about much more than just the skills and mastery of a subject. In fact, wisdom is about human virtues, that makes us different from other animal species. These virtues are developing empathy, having compassion and kindness, becoming more self-aware of our thoughts, emotions, and feelings.

Wisdom and Knowledge

The difference between the two is very subtle. However, if put into simpler words, it is not that difficult to understand either. One can gain knowledge and know what is right and wrong, what is healthy and what is unhealthy, how to perform a task, how to drive, how to cook. All these things can be learned and specialized in. But, the ability to decide what is right and what is wrong, the capacity to choose the right and skip the wrong, comes from wisdom.

In another way, the ability to use the learned knowledge in the best and most ethical way is called wisdom. Knowing how to use the knowledge is wisdom. Knowledge can be given but wisdom cannot. Knowledge can be learned but wisdom can only be attained.

An example would be the best way to understand the concepts deeply. So, for instance, all kinds of thoughts, whether positive or negative, healthy or toxic, happy or sad come to our mind. We feel them and know that these feelings are a very natural part of human beings. This is knowledge. But understanding, observing, and staying aware and detached of these thoughts requires wisdom.

Wisdom takes us to a much higher level and answers the riddle of why we are feeling in a particular way and whether we should act on those feelings or not. That judgment call depends on our wisdom.

Wisdom is Empowering

Through our experiences comes a realization that the peace of our mind is in our hands. This is the most empowering thing that can happen to us and no book can teach this to us. It is like reaching and activating the seeds and portals of consciousness which were dormant within us till now. The whole phenomenon enriches us at a much deeper level and calms down the inside chaos. After which, we start to see the beauty in everything and learn to accept life the way it is. Our heart is filled with forgiveness and compassion.

Wisdom frees us from the chains of a limited mind so that we do not remain the slaves of our own desires. Books can teach us what is just and what is unjust. But the power of standing and walking down that just path is provided by our wisdom. This spiritual and emotional advancement is irreplaceable and can only become possible through wisdom.

There have been many philosophical, religious, and educational versions and definitions of wisdom and knowledge. Nonetheless, all lead to the same conclusion. Everybody knows and has been taught about the right way of living but not all can do it really. That is where a fine demarcation comes

between knowledge and wisdom. To be able to apply the knowledge, to be able to think, and acknowledge why things are the way they are, makes us wise.

Truth is, true wisdom can only be attained through experiencing life and that means having experienced it in its fullest form. Understanding that life is not always about being happy, satisfaction, or running for temptations. In fact, sorrow, pain, tragedy, self-restraint are a part of it. True wisdom teaches us that if life has to be embraced, then, the only way to do that is through acceptance, self-observation, and with full consciousness.

Thus, it is only through wisdom that we begin to behave beyond the petty attributes like self-obsession, jealousy, anger and instead, learn to grow as a human being filled with compassion, empathy, acceptance, and love for all.

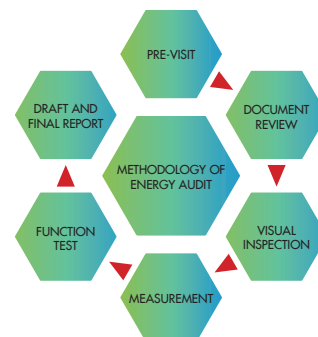
With practice, wisdom takes us above the basic instincts. It doesn't let us be reduced to mere puppets in the hands of our instant gratification. Wisdom gives our mind the power to differentiate between justified and unjustified and act accordingly. Experiencing the bright and dark, both faces of life, are we filled with love, kindness, compassion, and non-judgment toward others and also ourselves. And there is no shortcut to that. Every event in the life has a purpose. It is trying to teach us something. Opening our mind and soul to it fully is what wisdom teaches us.

COINDIA ENERGY MANAGEMENT CELL (EMC)

ENERGY AUDIT THROUGH COINDIA - EMC & GoTN PEACE SCHEME

Execution by COINDIA along with BEE Certified Energy Professionals

Energy Audit Methodology



Models of the Scheme	Subsidy Eligibility
Detailed Energy Audit	50% of the Energy Audit Cost to a maximum of Rs.75,000/- per visit
Implementing Energy Audit Recommendation	25% of the cost of the eligible components with the maximum limit of Rs.2 lakhs

Glimpse of Energy Audits



UNIDO-GEF-BEE Project Participants implemented the Project Certification Programme held on 18.8.22

List of Companies who availed Energy Audit through COINDIA - EMC during the period

- MSME - TDC, Cbe
- Souriau India Pvt. Ltd.,
- Aquasub Engg. Unit IV
- Roots Cast Pvt. Ltd.,
- Indo Shell Cast Pvt. Ltd.,

Events & Activities



Stakeholders Meet under UNIDO-GEF-BEE Project held on 08.07.2022 at Taj Vivanta, Coimbatore



President Shri. Jayakumar Ramdass met DIC GM Thiru. Thirumurugan on 12.07.2022



6th COINDIA Committee held on 25.07.2022 at English Club



Vendor Interfacing meeting under UNIDO-GEF-BEE Project held on 04.08.2022



Inauguration of Vendor Interfacing meeting under UNIDO-GEF-BEE Project held on 04.08.2022



MoU signing with PSG Tech for Robotics Training on 04.08.2022

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Events & Activities



UNIDO Project knowledge sharing workshop held on 18th Aug. 2022, chaired by the Country Head Shri. Rena Van Berkal



Terminal Evaluation Visit on 6th Sep. 2022 of GEF Team



Meeting of Joint Action Committee (JAC) held on 20.09.2022



Industry Members met Hon. Chief Minister on 08.01.22



Visit of PSNA College on 11.03.22



GEF-Ministry of Environment and Forest Climate Condition Visit to Energy Management Cell on 10.07.2022

Events & Activities



2nd COINDIA Committee held on 26.11.2022



Visit of Shri. Sanjaya Shrestha, UNIDO Viero - Evaluation Meeting held on 10.12.



President Shri. K.V. Karthik addressed in the Regional Conclave held on 22.12.2022



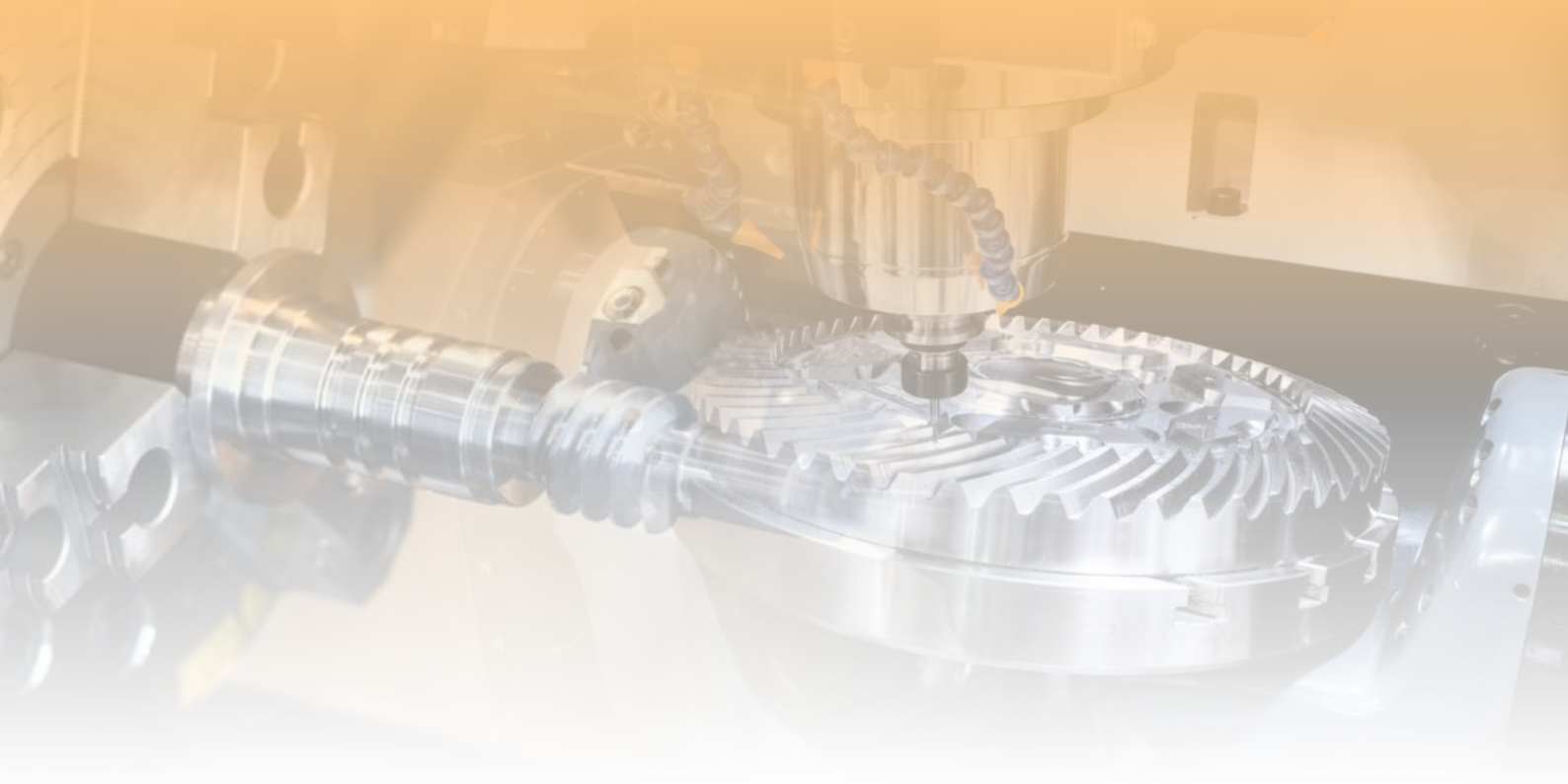
Meeting with Shri. K. Annamalai, BJP - Tamil Nadu Unit President on 09.05.2022



Felicitations to Mr. P. Shyam Sunder, JD, BEE during Stakeholders Consultation Meeting held on 08.07.2022 at Taj Vivanta



Vice President Shri. A. Sivashanmughakumar felicitated by POSIA and COSIEMA for having elected as COINDIA Vice President



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