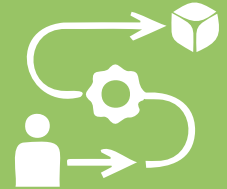
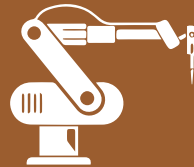




Confederation of Indian Industry

CENTRES OF EXCELLENCE



LOGISTICS



GREEN BUSINESS



ENTREPRENEURSHIP,
STARTUPS &
INNOVATION



QUALITY



SUSTAINABLE
DEVELOPMENT



BUSINESS
EXCELLENCE



WATER



LEADERSHIP



FOOD &
AGRICULTURE



MANUFACTURING
EXCELLENCE

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Published by Confederation of Indian Industry (CII), The Mantosh Sondhi Centre; 23, Institutional Area, Lodi Road, New Delhi-110003 (INDIA), Tel: +91-11-45771000; Email: info@cii.in; Web: www.cii.in



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CII Institute of Logistics

To address the need for sharpening the competitive edge of the Indian logistics sector in the global arena through better logistics and supply chain practices, CII established the Institute of Logistics in 2004. The CII Institute of Logistics (CII-IL) creates a platform for Industry to gain greater insight into the emerging trends, Industry specific problems of national importance and global best practices in logistics and supply chain management thereby enabling Industry to increase efficiency and enhance effectiveness in their operations.

■ Vision

Playing a key role in facilitating world class trade by making India most efficient/effective in logistics, thereby moving up the logistics performance index ladder.

■ Mission

To act as a platform to create and share intellectual capital for reducing transaction cost and improving competitiveness.

To integrate and facilitate mechanism between service providers, the user sector and Supply chain fraternity by fostering professionalism, competitiveness and promoting global connectivity through membership.

To nurture the skills of logistics professionals and ensure adoption of best practices in Logistics and SCM.

■ Services Portfolio

• Education Services

A. Program models

CII IL as a prime mover for student's community offers Industry acclaimed educational programs serving as "Knowledge and Industry Partner" along with leading universities, colleges and educational institutions in Logistics and Supply Chain Management.

Corporate education

These programs are tailored to meet the needs of working professionals in three levels. Considering working professionals' needs, the short-term program on 'Engineering the Supply Chain and Logistics Automation' is spread over 100 days. The program broadly covers Supply Chain Analytics – Automation – Advancement areas.

Blended learning

Since 2004, Logistics and Supply chain education programs have received Industry acceptance. Over the years, distance learning programs

were transformed into Blended Certificate and Advanced Certificate Programs for working professionals and students which are delivered in two formats, viz. self-paced learning and 60-60 engagement.

Collaboration programs

Collaboration programs include joint certifications in association with premier educational institutions in India and overseas professional associations. The programs are aimed at enhancing professional abilities of working professionals across Industry segments. Three categories of collaboration programs include:

1. Five-day Certificate programs (in association with IIT / IIM)
2. Certified Warehouse Kaizen Practitioner Program (in association with Japan Institute of Logistics Systems)
3. International Certificate programs (in association with Singapore Logistics Association, The Logistics Academy) in two areas
 - a. Digital supply chain transformation
 - b. Digital warehousing and automation.

B. CII School of Logistics 9

 **School of Logistics**
AMITY UNIVERSITY

CII-IL in Collaboration with Amity University established the CII School of Logistics which offers MBA programmes in the field of Logistics and Supply Chain at Noida, Panvel and Kolkata campuses. The school has maintained the track record of 100% placement and has over 170 students pursuing master's degree.

Sectoral Initiative to build the image of the Sector:

A new set of initiatives were introduced for knowledge enhancement, networking and mentoring both, Students & Professionals. They are : MOVE - Membership, Women Logistics



From L-R Bharat Joshi, Co-Chairman – CII National Committee on Logistics and Chief Executive Officer, J-Curve Ventures Pvt. Ltd. Sumita Dawra, Special Secretary, Logistics Division, Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, Government of India. R Dinesh, then President Designate, CII & Chairman – CII - IL Advisory Council and Executive Vice Chairman – TVS Supply Chain Solutions Ltd. K V Mahidhar, Executive Director and Head, CII Institute of Logistics at Logistics Summit held on 16 February 2023.

CII Institute of Logistics

Leadership, Warehouse National Network and Warehouse Watch.

MOVE :



Membership of Value Engagement (MOVE) is a membership division aimed for National Logistic movement focusing on capacity building and policy advocacy in Logistics.

WLL:



With Women in Logistics Leadership (WLL), CII IL aims, through a strategic tool called "Learn-Leet-Lead", to Self-Power Women in Logistics sector through a hand-holding approach, nurturing and evolving women into leadership roles.

WNN:



CII Warehouse National Network intends to work on three key areas called "Evolution-Efficiency-Empowerment" to deliver tangible results and sustain the growth of momentum. The movement focuses on connecting every warehouse in the country.

Warehouse Watch: Warehouse safety awareness program is a joint initiative between CII and Godrej to educate the decision makers and operation managers to safeguard operations and infrastructure against safety risk.

SCALE Awards



CII-IL organizes Supply Chain and Logistics Excellence Awards (SCALE) every year to recognize the Industry players and to drive excellence in the field.

• Advisory Services

CII-IL offers advisory services across the supply chain verticals. The Institute provides advisory services on various facets of supply chain management pertaining to different verticals and their associated supply functions.

- Warex: Warehouse Excellence (WAREX) Certification provides rating warehouses on the level of their overall performance under four categories viz. Platinum, Gold, Silver and Bronze
- SCM Pro: A certification programme for SCM practitioners developed with the involvement of Industry and academia experts. The aim is to recognize the expertise of working professionals which would help in their careers.

• Encourage Competitiveness

- Supply Chain Maturity Model
 - SCM maturity model is to assess and rate the supply chain competitiveness of

organizations and to fit in any of the five hierarchical levels in the path of evolution.

Achievements

- Cumulative admissions to educational programmes crossed 8,000+ covering 675 companies spanning 22 States in India
- CII-IL undertook UN Staff training program
- More than 10,000 working professionals trained through CII-IL's corporate training programmes
- Conducted pilot program with the Japanese Institute of Logistics Systems involving 50 Japanese Companies
- 180 companies participated in SCALE Awards
- More than 2,500 working professionals attended IL branded events.

Events

- Solution De Technology, Automation, Robotics (S-T-A-R)
- Supply Chain Start-up Summit
- Global Supply Chain Summit
- Automotive Supply Chain
- Building Warehousing Competitiveness.



Conference on E-commerce Retail and Packaging held on 26 May

CII Institute of Logistics

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CII Institute of Quality

■ Vision

To be a Centre of Excellence of international repute that provides role model products and services for the continuous betterment of organizations and society.

■ Mission

To evolve and leverage a Quality Movement that transforms India by offering standard solutions, creating practical insights, driving tangible results, thereby enhancing competitiveness and inclusive growth.

Established in 1999, the CII Institute of Quality (CII-IQ), Bengaluru is CII's first Centre of Excellence and became operational in May 2001. CII-IQ is the nodal reference point for Quality - Pioneer for Quality movement in India.

What started as the Total Quality Management Division (TQMD) in the mid-eighties has now evolved as CII-IQ.

CII-IQ helped several organizations improve their competitiveness besides winning recognitions through the Deming Prize, Japan Institute of Plant Maintenance, & Total Productive Maintenance Award.

■ Services Portfolio

- Business Excellence
- Healthcare Performance Excellence
- Lean Management
- Metrology

- Responsible Export Organisation Certification
- Education Excellence
- Standards
- Process Improvement Methodologies
- Quality Management Systems
- Risk Management
- Six Sigma
- Total Productive Maintenance
- Total Quality Management
- Services Delivery Mechanisms:
 - a. Training Programmes (open and in-house)
 - b. Counselling Support
 - c. Competitiveness Clusters
 - d. Assessment Services
 - e. Awards and Recognitions
 - f. Seminars, Conferences and Events
 - g. Best Practice Study Missions (domestic and international)
 - h. Publications
 - i. Research.

■ Partners

CII-IQ works extensively with several industries in large, medium and small scale companies in, public and private sectors. Over the last two decades, Indian Industry has immensely benefitted from these programmes.

It has undertaken several consulting projects on quality initiatives in North America, South Africa, Middle East, Sri Lanka, Bangladesh, Indonesia, Thailand, Zambia, and Egypt, etc.

Some of the prominent partners are: Bureau of Indian Standards (BIS); National Accreditation Board for Testing & Calibration Laboratories (NABL); BSI Group, UK; Export Import Bank of India; European Foundation for Quality Management (EFQM); Global Excellence Council (GEC); Japan Institute of Plant Maintenance (JIPM); Japan Management Consultant Inc. (JMAC); Union of Japanese Scientists and Engineers (JUSE); Quality Council of India (QCI); ASQ, India; NIST, US; Malcolm Baldrige, US; IRQS Resilient Leadership and Change Masters (RLaCM); American National Standards Institute (ANSI); TIC Council India (TICC); Chartered Quality Institute (CQI).

■ Achievements

- **Business Excellence**
 - a. CII-EXIM Bank Award for Business Excellence: In the last 28 years, recognized 13 Award & Role Model Organisations, and over 542 companies at different levels
 - b. Trained over 6,675 assessors on Business Excellence to enhance their business understanding and professional learning
 - c. Created new training programs like Biomimicry, Design Thinking, Leadership Agility through Mindfulness and Assessor Training on the Malcolm Baldrige framework for enhancing competencies of quality professionals
 - d. BE Maturity Assessments for large and small businesses for enhancing their Performance Excellence
 - e. Business Excellence Summit, BE Chapter and Competitions for engaging with members and sharing of best practices.



Quality Ratna Award 2022 bestowed on Dr R S Sodhi, then Managing Director of Gujarat Cooperative Milk Marketing Federation, Ltd., (AMUL)

CII Institute of Quality

• Quality Metrology & Standards (QMS) and Laboratory

- a. Training and counselling to third party certification and inspection bodies
- b. Training & Counselling support for Automotive QMS (IATF: 16949) & Core Tools (APQP, PPAP, FMEA, MSA, SPC)
- c. Online Certification Courses on QMS
- d. Trained 500+ auditors and 50 trade bodies
- e. Trained 4000+ professionals on various Quality Tools
- f. Trained 600+ professionals on MoMSME 's ZED Certification Scheme Pan-India
- g. Risk Management: ISO 31000, Risk Management Guidance & Principles
- h. Select clientele: RBI, CBEC and FSSAI for quality counselling
- i. Intelligent Automation: Low Cost Automation (LCA), Digitalization, Robotics and Automation (DRA) - Industry 4.0 training and hand holding / counselling
- j. Academia Industry Connect Programme: CII MILCA AWARD – For Academia
- k. Maturity Assessment on DRA – Industry 4.0: To identify maturity level and gaps
- l. Lab Management System: Internal Auditors training on ISO 17025.

• TPM Club India

- a. 488 JIPM-TPM Awards for 340 Indian companies upto 2022. Besides benefiting from various training programs, over 200 companies have taken consultancy support from TPM Club India
- b. Trained 110 TPM Facilitators in the year
- c. Both virtual and physical consultancy started for TPM implementation.

d. 20 companies got the CII TPM Assessment certification and Award ceremony conducted for this companies

e. 9 types of TPM awards standardized under TPM club i.e. poka-yoke, 3m, technology competition, office innovation, Champions trophy, challengers trophy, circle competition, kaizen competition, EOT awards

f. 4 companies have been assessed and awarded for excellence in operation technology till date.

• Lean Six Sigma

- a. Trained and certified:
 - Over 320 professionals from 130 organizations as Lean Experts
 - Over 430 professionals from 132 organizations under Lean Six Sigma
- b. MOU signed with with Bosch for i4.0 and Lean certification in 2021. Twelve Lean sessions with Bosch expert have been conducted till now with more than 30 delegates for each session
- c. Every year, study mission to Lean and Six Sigma implemented companies were organized to learn the best practices and benefits
- d. 16th Edition of Six Sigma, 7th Edition of Lean Competition, and 5th edition of SMED competition were conducted in 2022 with over 50 presenting companies via digital platform.

■ Awards

- CII-EXIM Bank Award for Business Excellence
- BE Maturity Assessment Program
- Six Sigma Award
- TPM Champion Trophy
- 3M Competition
- BE Star Recognitions
- SMB Star Icon Recognitions

- Award on Excellence in Operational Technology
- Quality Ratna Award
- MILCA Award.

■ Publications

TPM in Process Industries; Jishu Hozen Manual; Kobetsu Kaizen Manual; Planned Maintenance Manual; Quality Maintenance Manual ; Poka Yoke Manual; Zero Defect Manual; Hand Book on Welding Industry; Hand Book on Machining Industry; TPM in non-shop floor departments; TPM Project Management and Concept and Method of Pursuing Advanced TPM by Yoshitaka Murase.

■ Events

- National Excellence Summit
- TPM Circle Competition
- Poka Yoke Competition
- National Conference & Competition on Six Sigma
- Business Excellence Conclave
- National SPC Competition
- National Safety Practice Competition
- National Excellence Practice Competition
- National Lean Conclave & Competition
- National Competition on Low Cost Automation
- National Competition on Digitalisation, Robotics & Automation - Industry 4.0
- CII Champions Trophy on Industry 4.0.

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CII-ITC Centre of Excellence for Sustainable Development

Vision

Be a global leader, in thought and action, to drive transformation towards sustainable development.

Mission

To catalyse innovative ideas and solutions, in India and globally, to enable business and its stakeholders in sustainable value creation.

Services Portfolio

CII-ITC Centre of Excellence for Sustainable Development (CESD) leads creation of innovative ideas, knowledge and practice in sustainable business. It does so through a series of initiatives in three key areas, namely Knowledge, Action and Recognition (KARe).

• Knowledge

- a. CESD develops frameworks, surveys and platforms, and conducts action research studies to inform management of companies and policy makers on key issues, such as CSR, extra-financial disclosures, biodiversity, and good practices of sustainable business covering over twenty sectors and hundreds of companies
- b. Sustainability Summit, an annual flagship event, brings together businesses, policymakers, and think-tanks to deliberate on key topics in sustainability and share good practices of public policy and business action from India and around the world
- c. India Business & Biodiversity Initiative (IBBI) is a business-led national platform to design, implement and mainstream biodiversity conservation by companies. With 55 business signatories and 13 stakeholder members, CII is an executive member of the Global Business and Biodiversity Platform for the UN Convention on Biodiversity. It collaborates with MoEFCC, NBA, GIZ, WWF and UNDP and hosts the National Consultation Group on the TNFD framework

- d. The India Plastics Pact, in partnership with WWF-India, is a business-led initiative that aims to unite businesses, governments, NGOs and citizens to create a circular economy for plastics in India. 48 members and supporters from across the plastics value chain are currently part of the India Plastics Pact.

• Advisory & Training

CESD helps companies with technical assistance on various systems, frameworks and standards in different elements of sustainable business.

- a. Consulting on sustainability performance assessment, sustainability management framework, integrated management systems, sustainability reporting, green supply chain, biodiversity, CSR, etc.
- b. Assisting companies to become carbon neutral
- c. Helping companies with sustainability reporting using GRI standards
- d. Enabling sustainability framework as per ISO 26000 provides conceptual and practical guidance to organizations to address sustainability issues
- e. Training
 - NBQP accredited lead auditor and CII Certified internal auditor training on Environment, Health and Safety Management Systems
 - CII Certified Sustainability Reporting processes and frameworks, based on standards
 - Training on Business Responsibility and Sustainability Reporting (BRSR) to equip corporate practitioners across industries to benchmark their organizational performance with respect to norms, codes,

performance standards and demonstrate commitment to sustainable development

- Training programme on waste management focussing on managing wastes, various acts and rules & amendments being notified by MoEFCC
- CII Certified internal auditor and/or supervisor training for safety health and environment statutory compliance
- CII-IBBI Certified training on Managing Natural Capital helps businesses understand linkages with biodiversity and manage it better to create opportunities
- CII-certified Sustainability Assessors training is a four-day classroom training followed by practice of sustainability performance assessment including site visit to leading companies
- Inter-and intra-company training on plastic use protocol, sustainable procurement, CII certified course on climate change
- f. Cleaner Air Better Life Initiative (CABL): 'India CEO Forum for Clean Air', under CABL has 102 signatories. The forum aspires to achieve tangible improvements in ambient air quality by committing action on air pollution, providing leadership for clean air action in respective sectors and collaboratively work on solutions by designing the Industry roadmaps for mitigation of air pollution. Crop Residue Management under CABL provides the knowledge platform to all stakeholders including farmers and rural entrepreneurs in Punjab and Haryana for improved crop residue management and sustainable agricultural practices
- g. Public Policy: CESD is the nodal point at CII for policy

CII-ITC Centre of Excellence for Sustainable Development

matters related to Ministry of Environment, Forests and Climate Change. It manages CII's National Environment Committee to provide inputs on various pieces of environment regulations and policies. CESD is the secretariat for the the CII Climate Change Council

- h. The CII Climate Action Charter (CCAC) is designed to provide a platform for Indian businesses to map climate change as a material risk across value chains and develop long term actions to build resilience. This platform facilitates businesses to lead their sectoral climate actions and showcase best practices for addressing climate risks. The charter has over 204 signatories from a variety of sectors ranging from hard-to-abate sectors to multi-sector diversified businesses, MSMEs and service sectors
- i. India Plastics Pact is a business-led initiative which aims to unite businesses, governments, NGOs and citizens to create a circular economy for plastics in India. The initiative is supported by WRAP, a global NGO based in the UK. The India Plastics Pact is the first in Asia and joins a global network of 13 Plastic Pacts
- j. **ESG Intelligence and Analytics Initiative** identifies ESG risks and opportunities through a detailed SaaS driven analysis. To assess the integration of ESG in a company's strategy, this analysis covers aspects from board-level/senior management commitment to deployment of processes and study of results
- k. **'Eco Edge'** Initiative is designed to help companies integrate sustainability/ ESG criteria in their value chains. It is a platform for Indian companies to hedge ESG risks by improving their environmental and social performance as well as that of their value chain partners.

■ Partners

- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- International Integrated Reporting Council
- Convention on Biological Diversity
- UNDP
- World Business Council for Sustainable Development
- WWF-India
- UN Environment Programme (UNEP)
- WRI

■ Achievements

- First certified training partner of Global Reporting Initiative (GRI)
- The India Plastics Pact is the only one of its kind in Asia
- The IBBI, initiated by MoEFCC, hosted by CESD is the only national initiative which represents Indian businesses on biodiversity at the Convention on Biological Diversity (CBD) and is an Executive member of CBD's Global Partnership for Business and Biodiversity (GPBB)
- Over 2,000 managers benefit each year through awareness and training programmes in India and abroad
- CESD has pioneered the Plastics-use Protocol: Verification and Certification. The Protocol guides companies attempting to establish a baseline, quantify and reduce their SuP use.

■ Awards & Recognitions

CESD also recognises companies for their efforts in sustainability and in the process provides specific inputs to further improve sustainability performance.

- The CII-ITC Sustainability Awards recognize and reward excellence in sustainable business. Since its inception in 2006, 1,031 businesses have applied of which 375 have been recognized

- CESD is the knowledge partner for CAP 2.0°, a recognition and learning product, Instituted by CII this recognition aims to raise the level of Industry action on climate change and move towards science-based target setting.

■ Publications

- Crop Residue Management, Impact Assessment Report, 2020-21
- CSR Compendium: Creating Value Through Partnerships
- Roadmap to 2030 : India Plastics Pact
- Challenges and Opportunities for Implementing Voluntary Climate Action in the Indian Private Sector
- Business Case for using Food Grade Recycled PET Bottles in India
- Design Guidance Recommendations for Food Contact Grade PET bottles

■ Events

- 17th Sustainability Summit
- CII-ITC Sustainability Awards 2022
- CAP 2.0° Awards 2021-2022
- A series of five webinars was organized around the Sustainability Summit.

CII-ITC Centre of
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CII Centre of Excellence for Competitiveness for SMEs

Vision

Building world class future ready MSMEs by enhancing their overall competitiveness through specialized services and help them integrate into OEM supply chains.

Mission

To provide transformational services that guide MSMEs to adopt tools for excellence and efficiency, which would help them grow exponentially, build scalability and add new capabilities.

How does CFC help SME sector?

- Handholding & Implementation of Manufacturing and HR excellence concepts
- Audit Services - Energy, Corrosion, Water
- Capacity Development Programs
- Awards & Recognition.

Services Portfolio

Enhancing Manufacturing Excellence

The pioneering CII Cluster Movement has evolved in unique ways making a significant and positive effect on India's manufacturing competitiveness. It helps companies develop a strategic direction and establish a culture of improvement in business processes, operations, financial management and adopt technology solutions.



Shreekant Somany,
Chairman, CII,
Centre of Excellence
for Competitiveness
for SMEs and CMD
Somany Ceramics Ltd

Customised Solutions

To enhance competitiveness of Industry through Clusters. Support OEMs to build reliability and sustainability in Supply Chain (QCD improvement with cultural transformation) with subject focus clusters (Lean, Productivity, Zero Defect, CII ZED Cluster), geographical cluster, OEM supplier cluster, hybrid cluster, DigiTech cluster and other innovative customized excellence models.

Impact

Over 355 Industry clusters (with strategic partners) impacting more than 5500 companies

- INR 1,100 million savings achieved
- Space Savings 20-30%
- 100% improvement in quality parameters
- Productivity increase by 50 to 200%
- Financial savings up by 10-30 times of investment
- Warranty rejection reduction by 50-100%
- 100% increase in skilling/re-skilling of employees
- Customer complaint reduction by 70-100%
- Reduced inventory by 20-50%
- Employee involvement increase up to 150%



Launch of Mission - War Against Corrosion in New Delhi

- Zero Defect Movement: First to start ZED cluster in India
- Developing sustained improvement culture in all areas of organisation
- Business growth by 5-20% YOY
- Over 1 million Kaizens done by Indian SMEs.

Energy Management, Audits and Climate Advisory

The Centre is working closely with stakeholders in promoting a world class energy efficiency initiative and climate action in auto components, engineering, pharmaceutical & chemical, food processing, commercial buildings, FMCG, refinery, rice mills, textile, pulp & paper, etc.

With its range of technical training programs, webinars, competitions and awards, CII CFC aims to build technical competency amongst Indian Industry.

Impact

Energy audits and assignments conducted with over 1,500 companies, including 1,010 SMEs, resulted in savings of INR 3 billion. The 12 energy efficiency projects also benefitted 1,500 MSMEs. Implementation of ISO50001 Energy Management System was facilitated in over 110 companies. The OEM - Supplier Energy Efficiency Cluster benefitted more than 300 SME suppliers with energy savings worth INR 750 million.

Corrosion Control and Management Services

- Assessment & Corrosion Audits of Industry
- In-company consultancy
- Developing anti-corrosion managers through corrosion management courses
- Guiding Industry through anti-corrosion publications.

Impact

Over 300 corrosion professionals were trained and more than 100 companies were directly impacted by CII-CFC's services

CII Centre of Excellence for Competitiveness for SMEs

8,000+ professionals trained through courses on corrosion, paints and coating management.

HRM Services

Strategic utilization of human assets leads to greater employee satisfaction and engagement that boosts productivity and profitability.

- HR Audit & Systems review
- In-company Consultancy assignment
- Leadership Development CEO/ Managerial/Supervisory/Workmen.

Impact

Guided 650 + MSMEs adopt HR best practices.

New Initiatives

Motor Rewinder Rating System: Jointly launched with International Copper Association of India (ICAI) with a mission to enable motor rewinders and user Industry improve energy efficiency of re-wound motors.

Helping Organisations Adopt ISO50001: Over 1000 professionals underwent CII-CFC's ISO 50001 Energy Management System Implementer cum Energy Leader programme with support from GEF-UNIDO-BEE.

GHG Mitigation and Sustainability Services to SMEs: In line with the country's commitment to achieve Net Zero by 2070, the Centre endeavoured to build capacity for the Industry to align with the Climate Action requirements.

Capability Development

- Training & workshops
- Mentoring services
- Reskilling & upskilling modules
- Promoting adoption of technology & innovative solutions
- Best practices sharing through industry missions, competition & awards.

Impact

Trained and certified over 8,000 workforces for excellence in quality,

cost, delivery, technology, corrosion and energy & resource efficiency.

Holding 12 + competitions annually in manufacturing best practices, HRM, maintenance, digitisation, energy, and power quality, leading to 300+ awards & recognitions, 1,000+ best practices.

International Collaboration to Enhance SMEs Business Growth

The Indo German Manager Training Programme was launched in 2009 to make Indian companies fit for bilateral trade and business with German companies.

Impact

Over 590 managers have undergone this programme including special groups on energy efficiency, green technology, healthcare, Industry 4.0, etc.

Industry Academia Partnership

- Professional development long term courses on manufacturing, corrosion, energy & climate action
- MoU with Indian Institute of Technology, Ropar and Thapar University to promote Industry-academia collaboration
- Interface with Industry captains and subject masters
- Lecture series - sharing knowledge and experiences.

Impact

Over 200 professionals emerged through these programmes as domain leaders in manufacturing excellence and management, energy management and climate action and corrosion management and technology.

Strategic Partners

- Ministry of MSME
- Bureau of Energy Efficiency
- Thapar University, Patiala
- GIZ, Germany
- BIS & BSI India
- Indian Institute of Technology, Ropar.

Awards & Competitions

- Cluster Championship & Kaizen Awards
- Operational Excellence Awards
- HR Circle Competition
- Sustainability & Energy Efficiency Circle Competition
- Corrosion Management Awards.

Events/Programmes

- National Competitiveness and Cluster Summit
- Workshops on Manufacturing Excellence Topics
- CII EETech - Technical Conference & Exposition on Energy Efficiency, Environment & Technology
- Learning Missions on Manufacturing Excellence and HR Practices
- National Corrosion Management Summit
- Indo-German Manager Training Programme
- High impact training on Energy Efficient System & Design Considerations and Energy Review as per ISO 50002
- Energy Efficiency programme on various topics like boiler & steam system, HVAC system, pump & pumping system, compressed system, etc.
- ISO 50001 implementation course.

CII-Centre of Excellence
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CII-Naoroji Godrej Centre of Manufacturing Excellence

Vision

The CII Naoroji Godrej Centre of Manufacturing Excellence (CME) promotes competitiveness and fosters pre-eminence among Indian Industry to create a world class manufacturing hub in India.

Mission

Established in 1997, CII CME supports organisations in their journey towards manufacturing excellence through its initiatives aimed at:

- Developing leadership to cater to constantly changing and unpredictable business environment, with a specific focus on manufacturing sector
- Building a robust manufacturing ecosystem based on the “Flow Management – A system of flow of material and information” to improve and optimize production and synchronize the interface with suppliers
- Conducting specialised training programmes and disseminating knowledge to create a smart workforce.

Services Portfolio

The key focus areas of the CoE are Advanced Manufacturing / Industry 4.0 and Industrial Safety. Both the areas are critical to give a direction to manufacturing organizations that were/are searching for solutions in the environment.

Trainings on new technical and soft skill related topics are conducted to sensitize members as per the changing demands in the lockdown months.

Training and capacity building services are offered in the following areas –

- Behavioural and Cognitive Aspects
- Finance, Taxation, Risk Management
- Marketing and Sales
- Operations Management and Lean
- Supply Chain in Manufacturing
- Occupational Health and Safety
- Project Management
- Industry 4.0 and Advanced Manufacturing.

In-company trainings – The CoE further offers customised training sessions and interventions to organisations based on their internal requirements, in related fields.

Advanced Manufacturing / Industry 4.0

The Advanced Manufacturing Initiative of CME is to impact manufacturing growth through technology, innovation and digitalisation for improved products and processes.

The Advanced Manufacturing Programme strives to develop an Indian way of manufacturing by exposing participants to next-gen manufacturing technologies & strategies, develop leaders to enhance global competencies

and help participants develop cutting edge tools to compete globally. The objectives are to :

- Offer a holistic approach towards understanding and implementing various innovative technologies
- Develop roadmap for controlled, predictable and monitored manufacturing while aiming for new breakthrough
- Define methodology for implementing complex exponential technologies involving Industry 4.0
- Comprehend how digitalization can be implemented concurrently with existing manufacturing best practices
- Develop next-gen manufacturing leaders for enhancing competency and competitiveness.

Through its intensive programmes on Advanced Manufacturing Programme and Industry 4.0, the Centre saw participation and involvement of member companies from across the country.

CII Pinnacle Awards for Excellence in Manufacturing 2022 – 2nd Edition

CII Pinnacle Awards for Excellence in Manufacturing, instituted in the year 2019, is one of the most prestigious Award for Excellence in Manufacturing that any Indian company can aspire for. It is based on the following objectives:

- To recognise and reward excellence in manufacturing



VLFM Participants visiting Makino in Japan to understand adoption of Advanced Technologies in Machine Tool Industry

CII-Naoroji Godrej Centre of Manufacturing Excellence

- To facilitate sharing of knowledge and implementation of best practices among Industry
- To inculcate spirit of development of manufacturing excellence.

■ Sectoral Interventions

• Promoting a Culture of Safety:

The National Task Force on Industrial Safety functions under the aegis of the CoE with the objective of building & strengthening a culture of safety and to promote safety excellence in companies operating in India. The Task Force has adopted the long-term theme of CII Safety4All. Initiatives are being organised by way of training programmes, webinars, best practices competition and conference.

The Task Force has further initiated the Workplace Safety Assessment for Industry, to support member companies in initial assessment of workplace safety within their organisations/ specific plants. The intervention aims towards supporting Industry in reducing their costs and increasing their profitabilities.

■ Developing Manufacturing Champions

- **Visionary Leaders for Manufacturing (VLFM) Programme:** VLFM is a flagship programme of CII to strengthen Indian manufacturing and making

India globally competitive. Launched in 2007, under the Indo-Japan Joint Technical Cooperation, VLFM symbolises a first-of-its-kind breakthrough collaboration of Industry-Academia-Government. Under this National Mission, 6,500+ visionary leaders have been developed from 1,100+ manufacturing and services sector companies including SMEs. The flagship Senior Manager's Programme, a one year programme, focuses on developing leadership skills to manage 10x change and thus in becoming globally competitive.

- **Visionary SME (VSME) Programme:** Since 2012, the Visionary SME Programme has been championing to create mutually beneficial win-win relationship between customers and suppliers through the unique flow management technique across their value chain. VSME is driving the transformation between the OEM (large company) with their tier 1 companies (tier 1 with their tier 2) by encouraging seamless integration and synchronization. The programme has delivered significant tangible and intangible results and has helped transform companies.
- **“GURUKUL” for PGPEX VLFM:** A joint initiative of NITIE-IITD PGPEX (VLFM), this programme is targeted at representatives from Industry with a minimum 4.5 years' experience.



Award ceremony for the 2nd edition of the CII Manufacturing Awards

At present, the 5th batch is ongoing, spread over three days. The objectives of the Gurukul Programme are to introduce topics such as breakthrough management, horizontal exploration, vertical exploration, new product development, new business development and realization, co-creation, etc. so that the Gurukuls are able to inculcate the right mindset amongst participants, necessary for making the transformation from being an effective manager to a visionary leader.

It is believed that Gurukuls would create the change agents who would provide the strategic impetus for manufacturing in India. Further, the uniquely designed 'Gurukul way' aims to effectively convert the learnings into actionable skills for future. This combination aptly serves the purpose of PGPEX-VLFM programme - creating change agents that would provide the strategic impetus for manufacturing in India.



CEO's Panel at the 7th edition of the CII Annual Conference on OHS.

CII-Naoroji Godrej
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Excellence

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A Visual Journey of CII's On-Ground Initiatives through CoEs



CII team conducting Water Audit



ISO 50001 Energy Management System Implementer cum Energy Leader Programs supported by GEF-UNIDO-BEE Mission to enable Industry professionals to improve energy efficiency & sustain



IWN Delhi chapter conducted second edition of master class on women independent directors



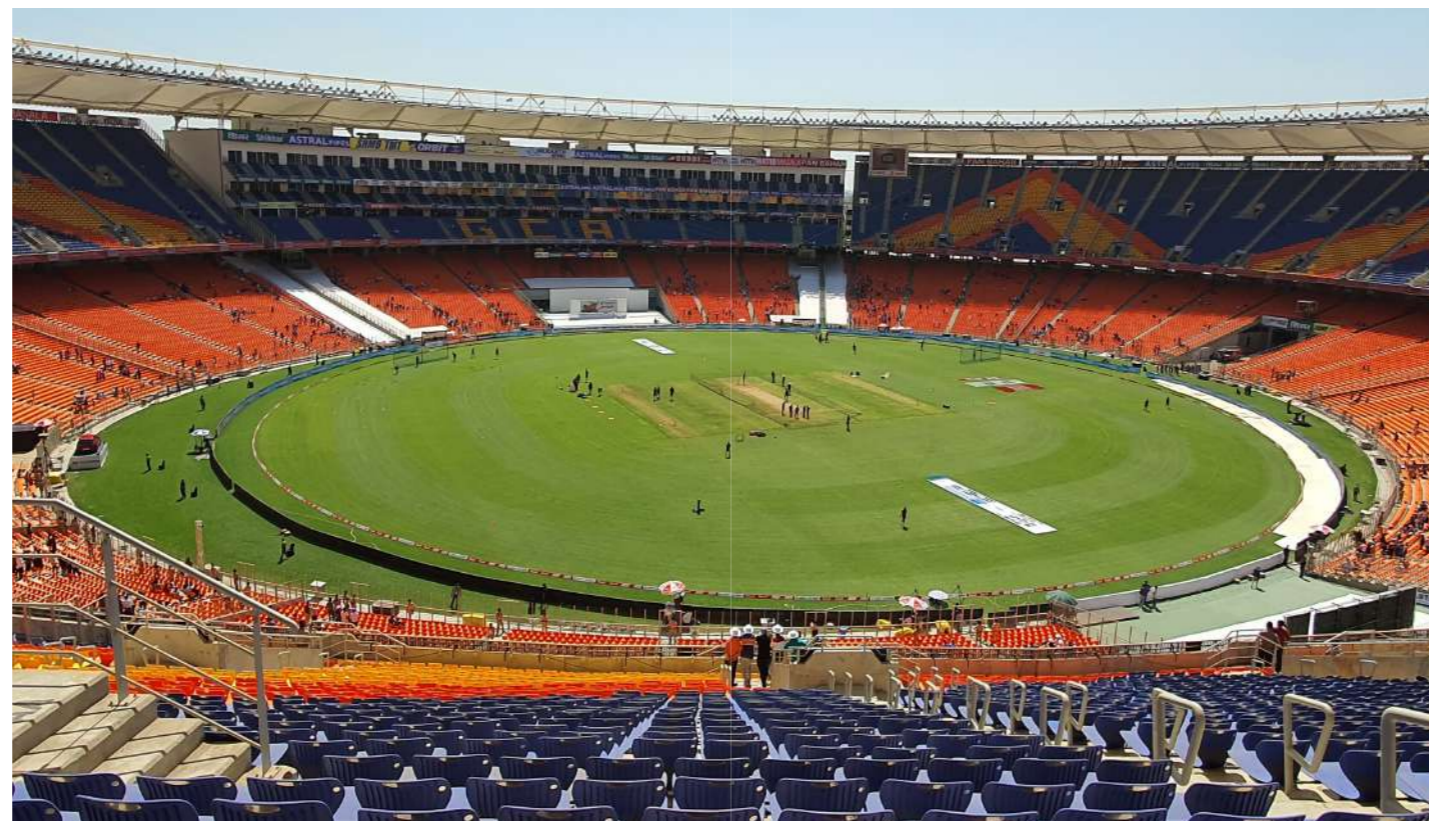
Cultivation of cucumber in shade nets, Aurangabad



Sericulture training session in Shivrani village, Aurangabad



VLFM program: Participants analyzing Self-Initiated Research (SIR) for Synthesis to understand Japanese society



Ahmedabad's Motera Stadium - India's first cricket stadium to get CII-IGBC Gold Green Building Rating



Industry mission on world-class manufacturing practices to UNO Minda Ltd, Manesar

CII-Sohrabji Godrej Green Business Centre

Vision

To facilitate India to emerge as one of the global leaders in green businesses, by demonstrating that green makes good business sense.

Mission


Foster, promote, accelerate green practices & businesses, thereby facilitating resource conservation and development of ecologically sustainable business growth models.

Services Portfolio

- **Green buildings:** CII-Indian Green Building Council (IGBC) is spearheading the green building movement in the country 
- **Greening of buildings and built-environment:** Certification of projects under IGBC Green Building Rating Systems which include homes, commercial buildings, railway & metro stations, net zero buildings, resorts, health & wellbeing, data centers, schools, factory buildings, landscape, residential societies, campus, townships, villages, healthcare facilities, places of worship, existing cities, SEZs, Logistics Parks and Warehouses, and Service Buildings
- **Green Education Programme** launched by IGBC aims to enable job-oriented & Industry-ready students to enter the field of green built environment and facilitate academia-Industry linkage. As part of this programme, IGBC is offering various courses and faculty development programmes on green built environment concepts. Till date, IGBC has accredited 350+ faculty and 400+ students across the country 
- **Green Company Rating System (GreenCo):** GreenCo Rating System

is the 'first of its kind in the world', which enables companies to take stock of their environment-related performance and plan the way forward

- Other environmental services include facilitating green supply chain, corporate green strategy, zero-waste-to-landfill certifications, green packaging and training programs on green concepts
- **Energy management initiatives:** CII-Godrej GBC conducts detailed energy audits in identifying the potential for energy saving opportunities in the plant
- **World class energy efficiency initiatives:** CII-Godrej GBC promotes world class energy efficiency initiative in cement, pulp & paper, power and sugar sectors
- **Energy Efficiency Helpdesk:** To provide Industry members with a one-stop solution for all their questions and concerns pertaining to energy efficiency
- Other services include PAT facilitation, energy efficiency capacity development workshops, studies & projects, GHG inventORIZATION, Life-Cycle Assessment (LCA) studies, facilitating energy efficiency in MSMEs, development of Specific Energy Consumption (SEC) and benchmarking norms
- **Green Entrepreneurship Council (GEC):** To facilitate innovative clean technology entrepreneurs access the larger market, a set of up to 10 start-ups (a cohort) will be selected each year, through applications solicited for the same
- **New upskilling certification courses introduced in 2020:** Certified Professional in Building Energy Management; Certificate Course on Energy Efficiency for Young Professionals; Certified Professional in Energy Efficiency (Cement Sector)

- **Green Products (GreenPro) Certification:** GreenPro assesses 'How Green is a product' based on a holistic product life cycle framework and highlights the way forward to achieve excellence in environmental performance. GreenPro is accredited by Global Ecolabelling Network (GEN) - a non-profit organisation of leading ecolabelling organisations worldwide 
- UN Environment has tested their 'Guidelines for Providing Product Sustainability Information' on GreenPro. The guideline is based on principles such as reliability, relevancy, accuracy, transparency, etc.
- **Green Power Market Development Group (GPMDG):** This initiative aims to scale up Indian renewable energy market by exploring innovative approaches that would increase the share of renewable energy in the overall energy consumption of commercial and industrial establishments
- **Solar Vendor Rating Program (VRP):** VRP was initiated with the objective of improving quality, safety and performance of rooftop solar installations in India. This is done by creating a network of high quality vendors (installers, developers, EPC agencies) who are comprehensively assessed based on their technical expertise, financial strength and onsite performance of installations. So far, 10 vendors have been certified through the program and assessment of 18 more vendors is at different stages
- CII Godrej GBC works with Indian states to support their efforts to mitigate climate change, including through the development of energy efficient action plans for 12 states and supporting electricity utilities in 14 states become more energy efficient.

Partners / Projects Funding Partners

- 350 Solutions
- Adelphi
- ADFIAP



CII-Sohrabji Godrej Green Business Centre

- Bureau of Energy Efficiency
- Business Sweden
- Danish Industry & ESG Singapore
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- ecoinvent
- Empa
- Energy Efficiency Services Ltd.
- European Cement Research Academy (ECRA)
- European Commission
- Florence School of Regulation
- Global Cement and Concrete Association (GCCA)
- Indian Railways
- International Centre for Sustainable Carbon (ICSC)
- International Copper Association
- International Energy Agency (IEA)
- International Finance Corporation
- Jawaharlal Nehru Technological University, Hyderabad
- Ministry of Environment, Forest and Climate Change
- Ministry of New and Renewable Energy
- Shakti Sustainable Energy Foundation
- SINTEF
- Small Industries Development Bank of India
- Swiss State Secretariat of Economic Affairs
- The Rockefeller Foundation
- The World Bank
- UK Foreign and Commonwealth Office
- United Nations Development Programme
- United Nations Industrial Development Organization
- United States Agency for International Development
- VDZ gGmbH
- World Business Council for Sustainable Development
- World Green Building Council

- World Resources Institute
- World Wildlife Fund.

Achievements

- With 10.27 billion sq. ft footprint, India ranks third globally in terms of registered green building
- Over 6,600 GreenPro certified products
- Undertaken over 11,000 green building projects
- Conducted over 2,100 detailed energy audits
- Over 900 companies are working on GreenCo Rating System
- 31 IGBC Green and Net Zero Rating Systems developed
- Facilitated 1200 MW of green power procurement
- Facilitated reduction of over 18 million tons of CO₂ per annum (Cumulative)
- 10 vendors have been certified through the solar vendor rating program and assessment of 18 more vendors is at different stages.

Awards

- National Awards for Excellence in Energy Management
- GreenCo Best Practices Award
- Environmental Best Practices Award
- Performance Excellence Awards for solar and wind plants
- IGBC Green Champion Awards
- Performance Challenge Awards
- IGBC Fellow Awards
- IGBC Green Design Competition
- IGBC Green Your School Programme.

Publications

- Green Built Environment : IGBC Coffee Table Book CII's contribution to National Green and Sustainability Movement
- 31 IGBC Green and Net Zero Rating Systems: Reference Guides and Framework
- Green Company (GreenCo) Rating System: Reference Guide

- Energy Benchmarking for Cement Industry
- Environmental Best Practices Manual
- Best Practices Manual: Cement Industry
- Best Practices Manual: Pulp & Paper Industry
- Best Practices Manual for Indian Thermal Power Plants
- GreenPro Certification - Reference Manual
- Latest Ethanol Production Technologies & Energy Efficiency: Best Practices in Sugar Sector
- CII GreenCo Report on Decarbonization of the value chain
- CII GreenCo Report on Sustainable Waste Management.

Events

- Green Building Congress
- Energy Efficiency Summit
- GreenCo Summit
- Green Power
- GreenPro Summit
- Green Cementech
- Green Crusaders Programme
- Green Property Show
- PaperTech
- Power Plant Summit
- EnerCon
- Distinguished Lecture Series
- Waste Management Summit.

CII - Sohrabji Godrej Green Business Centre

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CII-Suresh Neotia Centre of Excellence for Leadership

Established in 2009 in Kolkata, West Bengal, the CII-Suresh Neotia Centre of Excellence for Leadership is a key facilitator of leadership development across various segments of business and socio-cultural demographics.

The Centre was conceived on the core belief that the quality of leadership will play a vital role in enabling the 'new India' to succeed in its mission for inclusive growth and competitiveness, and thereby becoming a frontrunner in the global economy.

■ Vision

To become a world class centre of knowledge and learning, providing training, information and consultation on all aspects of leadership development.

■ Mission

To serve as a facilitator for development of leadership skills, attributes and business processes within an organization and the ecosystem through education, training, knowledge creation/dissemination and catalyzing thought leadership

■ Mandate

The Centre aims at establishing itself as a premier centre of leadership development through a multitude of interventions focusing on people and process transformations.

■ USP

- Backed by CII's domestic and international network
- Large resource pool of CEOs and practitioners.

■ Mandated Touchpoints

CII-SNCEL's leadership interventions focus on existing businesses and Industry, including first generation entrepreneurs/start-ups and SMEs to enable a sustainable framework for organizational success. In the larger goal, the Centre envisages playing a significant role in India's growth agenda by activating leadership development

not only among businesses and Industry but also in the wider network such as the education sector, Government and social enterprises: women and youth.



■ Focus Areas

- Leadership competency building for a 'new India' to enable:
 - a. Leadership capabilities across various levels in an organization from C-Suite business heads, senior leaders to first time managers and young leaders
 - b. Professionalization, scaling-up and sustainable growth for SMEs, family run businesses and first-generation entrepreneurs
 - c. Initiate and drive thought leadership across functional levels of Indian Industry.

■ Service Delivery Models and Key Initiatives

- Capacity building for people transformation – certified, long duration, application and immersive learning Journeys
 - a. Leadership Development Programme for first time managers
 - b. Young Leadership Development Digital Programme
 - c. Online programme on People Analytics
 - d. Bull's Eye Habit: Next Generation Strategies for Success
 - e. Leadership NXT - Innovative Success Strategies Through Design Thinking

f. Strategic Marketing Leadership Programme (SMLP).

- Capacity building for process transformation
 - a. CII HR Excellence Awards - People Practices Maturity Model
 - b. In-company training programmes on the CII HR Excellence Model
- Masterclasses
 - a. HR
 - b. HR Analytics
 - c. Marketing
 - d. Strategy and Business Innovation
 - e. Brand Leadership and Purpose
 - f. Organisational Transformation.
- Capacity Building for Marketing Leadership
 - a. Marketing Leadership Summit.
- Knowledge Platforms
 - a. CII National HR Conclave
 - b. CII Marketing Leadership Summit
 - c. National Leadership Conference on First Generation Entrepreneurs.
- Strategy Sessions
 - a. Out Think Masterclass Series
 - b. Strategy Edge.

■ Facilities

The Centre is located on a 2.4 acre plot of land with a total built up area of 32,000 square feet comprising an academic block with conference and seminar halls, class rooms, a cafeteria and an impressive green belt of lawns and garden areas.

■ Achievements

- 330+ diverse and targeted leadership interventions conducted since inception
- 1725+ companies impacted
- 9730+ participants benefited through multidimensional interventions
- 1550+ CXOs and senior business leaders trained through interventions

CII-Suresh Neotia Centre of Excellence for Leadership

on innovation, strategic and functional transformations

- 330+ diverse and targeted leadership interventions conducted since inception
- 1,500+ marketing functionaries impacted
- 400+ young and hi-potential talent trained
- 600+ HR professionals trained under HR Excellence Model

■ Highlights

- **Certified Immersive Long Duration Learning Journeys**
 - a. Young and hi-potential talent trained: 280+
 - b. Companies impacted: 30+
- **Modular Masterclasses on Human Resources**
 - a. HR professionals trained: 176
 - b. Companies impacted: 111
- **Modular Masterclasses on Strategic and Functional Transformation**
 - a. CXOs and senior functionaries trained: 1022
 - b. Companies impacted: 303
- **Capacity Building on Enhancing Functional Leadership**
 - a. Marketing functionaries trained on emerging marketing trends - 1,302
 - b. Companies impacted - 180
 - c. Industry partners - 36



CII-Suresh Neotia
Centre of Excellence for
Leadership

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CII-Triveni Water Institute

Vision

To enable India make substantial progress towards achieving water security.

Mission

To transform water conservation and management in India by changing the mindset and behaviour of stakeholders resulting in more effective and sustainable water management practices at the grassroots level.

One among CII's 10 acclaimed Centres of Excellence, the CII-Triveni Water Institute (CII-TWI) is a unique institution where Government, Industry and civil society have partnered to address water related issues in a holistic manner.

CII-TWI has a holistic and integrated approach to water security. The focus of the institute has been towards closing the gap between demand and supply by addressing issues related to water conservation, water efficiency and waste water management.

Services Portfolio

Advisory Services

- Water audits
- Roadmap towards zero liquid discharge



c. Water Pinch Analysis (WPA): It is industrial Process Integration tool on Water that helps achieving reductions in freshwater use, and wastewater generation using the first principles of fluid dynamics

d. Blue Rating System: CII's Blue rating system is one of its kind, performance cum system analysis-based certification cum ranking system, designed to measure, monitor, compare, certify, and recognize water performance of industrial facility on water conservation and efficient use to help build resilience to various water-related risks in business operations

It is designed as a framework encompassing a set of over 80 granular indicators thereby rating a facility on its water related operational and sustainability issues to help them improve their water scenario while minimizing their exposure to physical, regulatory, and reputational water related risks.

Projects and Policy Advocacy

- Water Status Evaluation - Water Neutral or Positive
- Water Risk Assessment

c. Hydrogeological Evaluations - sustainable groundwater strategies, identifying locations for borewells - along with monitoring mechanisms

d. Watershed evaluation

e. WATSCAN: An integrated GIS-based water evaluation tool that helps prepare Water Management Action Plan; applicable across scales - State/District/Village/plant.



Water Quality Analysis

Training and Capacity Development

- Best practices to improve water use efficiency across sectors
- Encourage industries to adopt advanced technologies for water & wastewater treatment.

Partners

National

- Central and State Governments

International

- U.S. Agency for International Development (USAID)
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- Australian AID - Australia Water Partnership
- Water Industry Alliance (WIA), South Australia
- World Business Council for Sustainable Development

Achievements

- Water Audits:** Conducted 400+ water audits across industries and buildings including PSUs with a potential water savings estimated at around 300 billion litres. This is equivalent to supplying drinking water to the entire rural population of India for three days
- 100+ WATSCAN applications across drought prone districts, plant watersheds, cities, villages



CII-Triveni Water Institute

undertaken. Over 10% of India's geographical area (about 352 thousand sq km mapped) which has provided a quantifiable roadmap enabling an area move towards an improved water scenario. WATSCAN led implementation have led to 4 billion litres of water savings through appropriate interventions

Outputs distributed both in space and time (outputs can be captured in space in form of maps that show pockets of highs and lows; and variance can be seen over 35 years with temporal trends and extremes analyzed)

WATSCAN leads to bridging demand-supply gaps by digitally identifying critical zones and villages where intervention is needed in prioritizing investments and siting interventions resulting in reducing slippages in delivery by 40-50%, thereby making investments effective, credible, and transparent with limited resources and maximum impact improving per hectare water availability by 35-45% through resource optimization, use efficiency, New Water (Municipal interface), and Additional Water (Soil Moisture Conservation)

- Moving towards higher granularity, WATSCAN has successfully been applied at village level in drought prone villages in Aurangabad, leading to an improved water scenario. The initiative involves in-depth scientific assessment for undertaking evidence-based implementation of water structures such as gabion bunds, check dams, recharge systems and rainwater harvesting systems

in schools as well as awareness generation programmes across the community, to help improve the water scenario in the villages

- a. Water Status Evaluation - roadmap for becoming water neutral/positive 15 studies undertaken.
- Water PINCH: Applications at pharmaceutical units identified
 - a. Freshwater reduction: 33%
 - b. Wastewater reduction: 54%
 - c. Monetary savings: INR 17 million
 - d. Reduced steam consumption at MEE through enhancement of salt concentration at ETP.
- The guidelines for optimisation of water & wastewater usage in coal based thermal power plants developed as a part of a project for Excellence Enhancement Centre (EEC) for Indian power sector
- Organizes the annual Water Innovation Summit which focuses on water security, sustainability and economic growth of the nation
- Conducts various stakeholder workshops across the country towards promoting water use efficiency in Industry and buildings.

Awards

- CII National Awards for Excellence in Water Management has been recognizing Industry for its contribution in making a water secure world - be it through their operations, innovations, or CSR activities

For over a decade, has been celebrating and awarding good and innovative water conservation & management practices undertaken by industries from varied sectors

The awards are given under the following categories -

- a. Within the Fence
- b. Beyond the Fence
- c. Innovative Water Saving Product.

Publications

- Our Cup of Joy - Volumes I, II, III, Compendiums of Good Practices on Water by Indian Industry
- Handbook on 'Water Use Efficiency in Urban India'
- CII Watercom's India's Best Practices on Water
- Public Private Community Partnership (PPCP) Guidebook on Water
- Recommendations on the National Water Policy Report of the Working Group on Urban and Industrial Water Supply and Sanitation for the Twelfth Five-Year Plan (2012-2017) by CII National Committee on Water.

Flagship Initiatives

- Water Neutrality Guidelines in partnership with NITI Aayog
- CII Water Innovation Summit
- WATSCAN - CII's water evaluation tool
- Conference on water use efficiency in pulp and paper sector.



Sericulture promotion in drought prone villages of Maharashtra

CII-Triveni Water Institute

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CII-Jubilant Bhartia Food and Agriculture Centre of Excellence

■ Mission

To improve the competitiveness of India's agriculture & food processing sector, by catalyzing innovation, building capacity and establishing supply chain linkages across the agriculture and food chain, ensuring food security and inclusive growth.

CII set up the Food and Agriculture Centre of Excellence (FACE) to contribute to the ongoing policy dialogue related to agriculture and food-security concerns. The centre, through its integrated approach of action oriented programmes and capacity building, addresses the issues from the farm gate to the consumer end.

■ Objectives

The Centre works closely with farmers, companies, development institutions, and the Government with the following objectives:

- Improving on and off-farm productivity through the introduction and dissemination of global best practices and technological innovation
- Improving the global competitiveness of India's agricultural sector by investing in capacity building initiatives and skill development for supply chain participants across the value chain
- Strengthening linkages across the agriculture and food value chain with an objective of reducing spoilage, increasing value addition and farmer incomes
- Going forward, FACE aspires to position itself as the premier institution in food and agriculture across the country.

Leading institution/ partner in contributing to the agenda of increasing farmer incomes

- a. Resource Centre for Farmer Producer Organizations
- b. Leading institution in driving reduction in post harvest losses

in the agriculture value chain

- c. Premier incubation eco system for advanced/next-gen agriculture technologies

Leading resource centre for driving food safety and nutrition in the food processing sector

- a. Lead partner of the Food Safety Authority in developing standards and capacity building
- b. Catalyzing product reformulation across Industry and building consumer awareness around nutrition.

■ Services portfolio

Comprising of an extensive team of domain experts across verticals FACE has evolved a robust services portfolio and has establish itself as a credible knowledge resource in the agriculture and food domain.

- Research and policy: FACE has been focusing extensively on policy research and is engaged in policy analysis, program evaluation and impact studies
- Value chain assessments: Comprises commodity specific value chain assessments and supply chain advisory services for food and agri businesses
- Projects: FACE works on projects in the PPP mode, to develop agribusiness models that are scalable and replicable across geographies
- Training and capacity building: A series of capacity building, training and consultancy initiatives are undertaken under FACE. These include on farm training on Good Agricultural Practices (GAP), post harvest management and food safety
- The Network of Agri-startups, Venture financiers and Incubators (NAVI) platform provides handholding for innovators, entrepreneurs and start-ups providing them an opportunity to showcase their technology, mobilize funding and secure potential incubation

opportunities and ongoing Industry mentoring

- Promoting excellence: Focused on creating a culture of excellence two awards are operational under FACE
 - a. CII Food Safety Award
 - b. CII National Cold Chain Awards
 - c. CII FPO Excellence Awards (introduced this year)

■ New initiatives

To expand its services portfolio new initiatives have been launched:

- FACE envisages to establish itself as # 1 Resource Centre for Farmer Producer Organizations and it is with this background that FACE has established a Business Service Unit for FPOs
- The objective is to benefit FPOs by enhancing their capabilities, building scale, improving access to advanced technologies, aggregating demand, and strengthening market linkage in order to help them increase their Income
- CII along with BMGF is working with Department of Animal Husbandry and Dairying to support Government of India in developing India's National One Health Platform
- Towards strengthening efficient infrastructure and reducing food loss/waste, FACE has setup a Cold Chain Logistics Resource Centre (CCLRC) to support and catalyse the development of integrated cold chain networks across the country
- FACE has institutionalized the Dairy Investment Accelerator (DIA) in partnership with the Department of Animal Husbandry and Dairying (DAHD) to accelerate public-private investments in India's dairy infrastructure
- Save Food Share Food Initiative brings together relevant stakeholders to prevent food loss and distribute the surplus to the needy to mitigate malnutrition

CII-Jubilant Bhartia Food and Agriculture Centre of Excellence

- A six-module training course on product formulation is designed for professionals from the food industry, students from the food technology domain, entrepreneurs and start-up aspirants in the food sector.

Partners

- FACE has been working closely with Ministries and Government agencies viz Ministry of Agriculture, NITI Aayog, National Centre for Cold Chain Management (NCCD), Ministry of Food Processing Industries (MoFPI), Agricultural and Processed Food Products Export Development Authority (APEDA), GS1 India, Food Safety and Standards Authority of India (FSSAI) and National Institute of Food Technology Entrepreneurship and Management (NIFTEM).
- FACE has partnered with Global Alliance for Improved Nutrition (GAIN) on nutrition and fortification. Also partnered with UNICEF to set up Impact4Nutrition focusing on engaging private sector in supporting the POSHAN Abhiyaan.
- FACE is also working with BMGF in its efforts to scale key areas such as One Health in the country.
- FACE has partnered with GIZ to establish a Cold Chain & Logistics Resource Center (CCLRC) to support and catalyse the development of integrated cold chain networks across the country.
- FACE has institutionalized the Dairy Investment Accelerator (DIA) in partnership with the Department of Animal Husbandry and Dairying (DAHD). The DIA has been set up as a cross functional team comprising CII, the BCG and Invest India, to accelerate public-private investments in India's dairy infrastructure.

Achievements

- More than 40 Regulatory Body officials and Industry members joined the second virtual 'Overseas Study Mission – E-Certificate Course

on Food Safety and Quality Tools, Techniques and Technologies' that was aimed at disseminating best practices.

- Interactive workshops including assessor trainings for CII Food Safety Award, FSSAI's Food Safety Training and Certification (FoSTaC) and Development and Implementation of Food Safety Management System based on FSSC 22000 V5.1 were attended by more than 620 participants from 55+ organizations.
- FACE launched pan India collaborative sessions on "Insights of Medical Examination of Food Handlers in Food Business for Food Safety & Standard Acts, Rules & Regulation 2011, Schedule 4". More than 150 FBOs involving HR managers, factory managers, medical doctors and regulatory compliance representatives have been impacted through these sessions across India.
- 21 professionals from the Industry were awarded the certificate of completion at the end of the 3-day program on product reformulation.
- 300+ participants joined the seminars on "Gut Health Today, AMR Tomorrow – Challenges to be Addressed" at three locations – Karnal, Coimbatore and Bengaluru .

Publications

- Food Processing Vision 2047
- Healthier Food Product Choices
- Reducing plastic footprint
- Microbiological Process Control, Sampling and Testing of Fish and Fishery Products
- Guidance document on 'Food Borne Disease Outbreak Investigation'
- Point-of-sale training material for health supplements and nutraceuticals
- FAQ document on 'Risk Assessment of Novel foods and Additives'
- Compendium evaluating business models of successful FPOs



Sumit Mazumder, then President, CII and Chairman & Managing Director, TIL Limited and Chandrajit Banerjee, Director General, CII receiving Narendra Modi, Prime Minister of India at the Krishi Unnati Mela in New Delhi

- Emerging Supply Chain Models in Fisheries'
- Study on 'Reduction in Logistics Cost for Perishables' for MoFPI
- Identifying pilot routes for select perishables for both fresh consumption and processing.

Events

- 10th National Post-Harvest & Logistics Summit
- Advanced Tech Program
- Food Safety Quality and Regulatory Summit
- CII Food Safety Awards
- CII Cold Chain Awards.

CII-Jubilant Bhartia Food & Agriculture Centre of Excellence

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CII Centre of Excellence for Innovation, Entrepreneurship & Startups

CII set up its Centre of Excellence for Innovation, Entrepreneurship & Start-ups (CII-CIES) on the 11th of July 2020 to create a strong ecosystem for entrepreneurship in the country. It is an Industry led initiative aimed to create the grounds for entrepreneurial success, through specific programmes and interventions.

The Government of Telangana is supporting the Centre by providing space at T-Hub technology startup incubator in the city. CII-CIES is also supported by Pratiksha, a charitable trust founded by Mr Kris Gopalakrishnan, who also co-founded Infosys.



Vision

To build a robust entrepreneurial ecosystem in India.

Mission

To evolve and leverage corporate partnership for the development of India's start-up ecosystem with end-to-end support at a single platform. The Centre aims at faster transformation of business ideas to successful ventures, impacting social and economic development through employment generation and wealth creation.

Initiatives of CII Centre of Excellence for Innovation, Entrepreneurship & Startup

For Startups:

- **Corporate Accelerator Program** - A sixteen-week accelerator program that provides start-ups with possibilities for development and expansion as well as access to main partner mentoring, investors, alumni, and a networking platform. The opportunity to develop a corporate-ready solution will be given to the selected start-ups
- **Family Office Cohort** - To enable more Indian Family Offices to invest in startups CII CIES, launched the Cohort for Family

Offices: 'Investing in Start-ups.'

The Cohort is conceptualized and designed to equip family offices with knowledge and confidence to invest in the startup ecosystem and boost domestic investments in the startup ecosystem and to promote wealth creation within the country.

- **ICONN** - The first-of-its-kind virtual platform, Industry-led 360-degree exercise will catalyse strategic interactions between Corporate Sector & Startups and other key stakeholders to create an integrated, inclusive, and vibrant entrepreneurial ecosystem in the country.
- **Startuppreneur Awards** - CII had launched the 'Corporate-Startup Business Connect Platform – CII Startuppreneur Awards' in 2018. The platform was conceptualised on the basis that when a large corporate house adopts one or a few startups working in the areas or allied areas of their business, the startups are nurtured with specific knowledge inputs and supported with adequate resources by the large corporates.
- **ICONN alpha** - A unified mobile-based application backed resource / repository forum created by CII for the startup ecosystem and beyond. Users should take membership to access the resources on the app.



CII Centre of Excellence for Innovation, Entrepreneurship & Startups



- **Capacity Building Programs** - The capacity building training programs are intended to support state governments, corporates, family businesses across the country, helping them to enhance skills and knowledge required to engage with startups.
- **CII Startup Mentor Club** - CII Startup Mentor Club network is established as a pan-India initiative to support entrepreneurs and their company's growth through targeted interventions by assessing their needs and matching them with Industry members who are seasoned entrepreneurs, executives and functional experts across different Sectors.

- Mastek
- Forbes Marshall
- SKM Egg Products
- TVS Supply Chain Solutions
- Vedanta
- Apollo
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- Elico

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- CavinKare

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Confederation of Indian Industry

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, with around 9,000 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 300,000 enterprises from 286 national and regional sectoral industry bodies.

For more than 125 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes. Partnerships with civil society organizations carry forward corporate initiatives for integrated and inclusive development across diverse domains including affirmative action, livelihoods, diversity management, skill development, empowerment of women, and sustainable development, to name a few.

As India strategizes for the next 25 years to India@100, Indian industry must scale the competitiveness ladder to drive growth. It must also internalize the tenets of sustainability and climate action and accelerate its globalisation journey for leadership in a changing world. The role played by Indian industry will be central to the country's progress and success as a nation. CII, with the Theme for 2023-24 as 'Towards a Competitive and Sustainable India@100: Growth, Inclusiveness, Globalisation, Building Trust' has prioritized 6 action themes that will catalyze the journey of the country towards the vision of India@100.

With 65 offices, including 10 Centres of Excellence, in India, and 8 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with 350 counterpart organizations in 133 countries, CII serves as a reference point for Indian industry and the international business community.

Confederation of Indian Industry

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