

MONTHLY NEWSLETTER

VOL. 25, ISSUE 55

NOVEMBER 2025



Rebooting Skills for a Repair-Ready India: Bridging Gaps in the Electronics Ecosystem

In India's fast-moving digital economy, one sector quietly powers the daily lives of millions — the repair ecosystem. From smartphones and smart TVs to set-top boxes and laptops, a new generation of skilled technicians is ensuring that our devices stay functional, connected, and sustainable.

These professionals are not just fixing gadgets; they are rebuilding consumer trust, extending product lifecycles, and contributing to a circular economy that values repair over replacement.

TOP NEWS

- **Semiconductor ecosystem is transforming Gujarat's Dholera as a developed township**

With India's first commercial semiconductor fabrication plant coming up in Gujarat's Dholera, the city is fast emerging as a hub for new-age industries and planned urban development.



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SUB SECTOR OF THE MONTH



E-Mobility & Battery Skills to Fuel India's EV Ambition (Towards 2030)

India's e-Mobility and battery ecosystem is entering a decisive growth phase, driven by accelerating EV adoption, declining battery costs, and strong national policy support. Global assessments indicate that EV battery demand is set to rise sharply, with the IEA projecting a 4.5× increase by 2030.

For India, industry research shows substantial employment potential as the EV market expands. Under a 30% EV sales penetration scenario, emerging opportunities in manufacturing, assembly, component design, and related services are expected to create around 120,000 new jobs by 2030.

Government initiatives and state-level targets are further strengthening the ecosystem, supporting manufacturing competitiveness, supply-chain development, and workforce readiness.

To address the growing skilling requirement, ESSCI is delivering NSQF-aligned qualifications that cover the full value chain — design, assembly, testing, diagnostics, repair, and infrastructure support. Key job roles include:

- Battery System Assembly Operator (ELE/Q6604) – Level 4
- Electronic Hardware Assembly Operator (ELE/Q6605) – Level 4
- Battery System Design Engineer (ELE/Q6701) – Level 5
- Motor & Controller Design Engineer (ELE/Q6702) – Level 5
- Battery System Repair Technician (ELE/Q7001) – Level 4
- Motor & Controller Repairing Technician (ELE/Q7002) – Level 4

As India scales its EV and battery capabilities through 2030, ESSCI's targeted skilling programmes are helping transform industry demand into high-quality employment, national capacity building, and long-term competitiveness.

EVENTS & INTERACTIONS



Uttar Pradesh CM Yogi Adityanath Felicitates 1300 Youth Trained under Samsung Innovation Campus, Implemented by ESSCI

The Hon'ble Chief Minister of Uttar Pradesh, Shri Yogi Adityanath, graced the grand certification ceremony held on 6th October 2025 in Gorakhpur, organized by the Electronics Sector Skills Council of India (ESSCI). The event also witnessed the esteemed presence of the leadership team from Samsung, marking a significant milestone in advancing skill development and employment opportunities in the region.

A total of 1,300 trained candidates were awarded certificates under ESSCI's flagship skilling initiatives—an inspiring testament to our commitment to empowering India's youth with industry-relevant technical competencies. The ceremony celebrated not just academic achievement, but also the confidence, dedication, and future readiness of the newly skilled workforce.

The occasion reaffirmed the strong collaboration between government, industry, and skill institutions in building a robust talent ecosystem aligned with India's growth and innovation agenda. It also highlighted the transformative impact of industry-led skilling in driving inclusive development and sustainable employment.

Together, we remain committed to scaling our impact and carrying this inspiring success forward.

MEMORANDUM OF UNDERSTANDING



MoU Exchanged between ESSCI & APSSDC at the 30th CII Partnership Summit, Visakhapatnam

The Electronics Sector Skills Council of India (ESSCI) has formally signed a Memorandum of Understanding (MoU) with the Andhra Pradesh State Skill Development Corporation (APSSDC) on 14th November 2025, during the 30th CII Partnership Summit held in Visakhapatnam. This strategic association aims to accelerate skill development initiatives in the electronics domain, focusing on building a future-ready workforce equipped with advanced technical expertise and industry-aligned training.

Through this collaboration, ESSCI and APSSDC will jointly design and implement specialized training programs, strengthen employment and entrepreneurial opportunities for youth, and support the growth of cutting-edge sectors such as ESDM, semiconductor manufacturing, and emerging technologies. Together, both organizations are committed to driving innovation, enhancing employability, and contributing to India's vision of a skilled, self-reliant, and technology-driven economy.

MEMORANDUM OF UNDERSTANDING



MoU Signed between ESSCI & Marvell Semiconductors to Empower Women Through Advanced Skilling in Semiconductor Technologies

A strategic collaboration between the Electronics Sector Skills Council of India (ESSCI) and Marvell Semiconductors is set to drive inclusion and innovation for a future-ready workforce through advanced skilling in semiconductors. Addressing this critical skills gap is essential not only for promoting social equity but also for strengthening innovation, competitiveness, and inclusive growth across the sector.

This joint initiative was gracefully announced on 21st November 2025 at the Bangalore Tech Summit, with a focused objective of empowering women through specialized skilling programs in semiconductor technologies. The partnership seeks to equip women with industry-relevant technical and professional skills to tap into emerging opportunities across the semiconductor value chain.

The MoU was exchanged in the esteemed presence of the Hon'ble Minister for IT & BT, Shri Priyank Kharge, and the Secretary for IT & BT, Ms. Manjula, IAS. Representing ESSCI, Ms. Rohini Nag, Regional Manager, formally exchanged the MoU with Mr. Navin Bishnoi, India Head, Marvell Semiconductors.

EVENTS & INTERACTIONS



Bengaluru Skill Summit 2025

The Electronics Sector Skills Council of India (ESSCI) participated as an Associate Partner in the Bengaluru Skill Summit 2025, held from November 4–6, 2025, at The Lalit Ashok Hotel, Bengaluru. Represented by Mr. Saleem Ahmed (Officiating Head) and Ms. Rohini Nag (Regional Head), ESSCI joined the event organized by the Department of Skill Development, Entrepreneurship & Livelihood (SDEL), Government of Karnataka.

The summit serves as the state's flagship platform to position Karnataka as a global benchmark for future-ready skilling, focusing on workforce transformation, innovation, and employability.

The summit was inaugurated by the Hon'ble Chief Minister of Karnataka, setting the stage for insightful deliberations and impactful collaborations. Bringing together policymakers, industry leaders, academia, training partners, youth, and international organizations, the Bengaluru Skill Summit 2025 provided a collaborative space to co-design actionable strategies that will build a resilient, adaptive, and globally competitive workforce.

As an Associate Partner, ESSCI actively engaged in workshops and discussions, reinforcing its commitment to driving India's skilling ecosystem, fostering collaboration, and contributing to the vision of a future-ready talent landscape.

EVENTS & INTERACTIONS



ESSCI Honoured with the Prestigious Bharat Nirman Award

Mr. Saleem Ahmed, Officiating Head, ESSCI, along with Mr. Saroj Apato, Vice President – Strategic Partnerships, represented the Electronics Sector Skills Council of India (ESSCI) at the TeamLease Making India Employable Conclave (MIECA) 2025 held on 8th November 2025, where the Council was honoured with the prestigious Bharat Nirman Award.

This national recognition is a testament to ESSCI's unwavering commitment to driving large-scale skill development, strengthening industry-academia collaboration, and enabling youth employability across the country. The Bharat Nirman Award acknowledges ESSCI's impactful contributions in shaping a skilled workforce aligned with emerging technologies, empowering young talent, and supporting India's vision of becoming a global innovation and manufacturing hub.

Through pioneering initiatives, cutting-edge training programs, and strategic partnerships with industry leaders, ESSCI continues to pave the way for transformative growth in the Electronics and Semiconductor ecosystem.

We extend heartfelt gratitude to our dedicated team, training partners, industry stakeholders, and supporters. Your trust, collaboration, and continuous efforts fuel our mission and inspire us to strive for excellence. Together, we remain committed to building a future-ready India empowered with skills, innovation, and opportunities for all.

EVENTS & INTERACTIONS



ESSCI at Bengaluru Tech Summit 2025

The Electronics Sector Skills Council of India (ESSCI) is proud to be part of the Bengaluru Tech Summit 2025, being held from 18th–20th November 2025 at the Bangalore International Exhibition Centre (BIEC). The summit stands as a powerful global platform that unites technology, business, innovation, and investment at scale. BTS 2025, an initiative of the Department of Electronics, IT, Bt, Government of Karnataka in collaboration with industry stakeholders, is where innovators meet investors, startups connect with markets, and global partnerships are forged. With the inspiring theme 'Futurise', the summit encourages the world to shape the unknown, scale the unimaginable, and accelerate transformation across AI, Quantum Tech, SpaceTech, HealthTech, and more.

Representing ESSCI at BTS 2025, Mr. Saleem Ahmed (Officiating Head) and Ms. Rohini Nag (Regional Head) are actively engaging with global leaders, innovators, and stakeholders. Their participation reflects ESSCI's commitment to nurturing future-ready talent and strengthening innovation-led growth in the electronics ecosystem. Proud to be part of a global movement that pushes boundaries and builds impactful collaborations. Let's Futurise the World. Together.

EVENTS & INTERACTIONS



ESSCI Leads Insightful Dialogue on Talent Supply Challenges at MIECA 2025

Mr. Saleem Ahmed, Officiating Head, ESSCI, moderated an engaging session on “Talent Supply Shock: Mismatched Skills Could Derail India’s \$5 Trillion Economy Dream” at the Making India Employable Conclave (MIECA) 2025, held on 7th November 2025 at Hotel Novotel International, Mumbai.

The panel featured Mr. Manasij Das (Head GTM, Reckitt), Mr. Naveen Sharma (Director, Strategic Initiatives, NASSCOM), Ms. Neepa Sharma (Head – CSR, CESC), and Mr. Rajinder Singh Bawa (Pro Chancellor, Chandigarh University), who deliberated on the critical need to create a skilled talent pool aligned with India’s economic ambitions.

The discussion emphasized building a robust talent pipeline that meets evolving industry demands, mitigating the risks of mismatched skills, and ensuring India’s steady progress toward becoming a \$5 trillion economy.

EVENTS & INTERACTIONS



ESSCI Empowers Future Electronics Professionals Through Certification Programme

The Electronics Sector Skills Council of India (ESSCI) successfully conducted a certification programme on 21st November 2025, aimed at empowering candidates with industry-relevant skills for the rapidly evolving electronics sector. The initiative reflects ESSCI's continued commitment to building a future-ready and competent workforce for the nation.

Mr. Vinod Sharma graced the occasion, motivating the candidates with his encouraging presence and sharing valuable insights on industry-led skilling, emerging technologies, and career opportunities for India's youth.

ESSCI remains dedicated to delivering high-quality, industry-aligned training and nurturing a skilled workforce that contributes to national growth and technological advancement.

Together, we continue to shape a robust and innovative Electronics Skilling Ecosystem for India.

EVENTS & INTERACTIONS



Hon'ble President Graces Diamond Jubilee National Jamboree; ESSCI Leads AI & Drone Skilling

The Hon'ble President of India, Smt. Droupadi Murmu, graced the closing ceremony of the Diamond Jubilee–19th National Jamboree of Bharat Scouts and Guides, held in Lucknow, Uttar Pradesh, from 22–29 November 2025. The National Jamboree celebrated youth leadership and future skills, with a strong focus on emerging technologies. The Electronics Sector Skills Council of India (ESSCI) conducted dedicated sessions on Artificial Intelligence and Drone Technology to build awareness about next-generation technologies shaping the digital economy.

Representing ESSCI, Mr. Saleem Ahmed, Officiating Head, played a key role in reinforcing the organisation's commitment to empowering youth through technology-driven skilling. A major attraction was the live drone demonstration, which generated immense enthusiasm among students. Over 5,000+ participants from across the country received hands-on exposure to drone flight operations, safety standards, payload handling, and real-world applications. Students actively interacted on career pathways, certifications, regulatory frameworks, and entrepreneurship opportunities within the drone ecosystem, and were introduced to high-demand job roles such as Drone Service Technician and Drone Manufacturing & Assembly Technician. The initiative reaffirmed ESSCI's continued efforts to equip India's youth with industry-relevant, future-ready skills.

EVENTS & INTERACTIONS



ESSCI attends inauguration of Skill India Centre at Baraut, Baghpat, supporting future-ready youth and industry-aligned skilling."

The Hon'ble Union Minister Shri Ashwini Vaishnaw, along with Hon'ble Minister of State Shri Jayant Chaudhary, inaugurated the Skill India Centre at Baraut, Baghpat, Uttar Pradesh, on 24th November 2025, marking a key step in strengthening grassroots skilling infrastructure.

Shri Jayant Chaudhary, in his keynote on "Skilling for Nation Building", highlighted the critical role of future-ready, industry-aligned skills in driving India's economic growth, social transformation, and readiness for global workforce demands.

Organized by NSDC under the Redington CSR programme and implemented by the Noida Productivity Council, the centre will enhance training, employment, and entrepreneurship opportunities. The Electronics Sector Skills Council of India (ESSCI), represented by Mr. Saleem Ahmed and Mr. Kapil Pruthi, actively participated, reinforcing its commitment to building a skilled, future-ready workforce.

EVENTS & INTERACTIONS



Samsung Innovation Campus 2025

Samsung Innovation Campus (SIC) proudly participated in the Convocation Ceremony at Noida International University held on 26th November 2025, celebrating the remarkable achievement of 550 graduating candidates, including 150 students from Computer Programming and 400 students from Artificial Intelligence. The ceremony was graced by esteemed dignitaries—Dr. Tanya Singh (Dean Academics), Dr. Sugandha Singh (Dean Engineering), Prof. Dr. Praveen Tomar (OSD Chairman), and Mr. Saroj Apato (VP – Strategic Partnerships).

The event marked a significant milestone as SIC continues its commitment to empowering youth with future-ready skills in AI, coding, and emerging technologies, contributing towards building a digitally skilled and innovation-driven India. By bridging the gap between academic learning and industry requirements, SIC is nurturing talent that is prepared to thrive in a rapidly evolving technological landscape.

The convocation also emphasized the importance of collaborative efforts between academia and industry in shaping the next generation of innovators and problem-solvers. Heartiest congratulations to all graduates, who are now equipped with knowledge, hands-on experience, and confidence to embark on promising professional journeys, drive technological advancements, and contribute meaningfully to India's digital transformation.

EVENTS & INTERACTIONS



Team ESSCI recently enjoyed a refreshing 2-day offsite retreat at Jim Corbett, designed to rejuvenate minds, foster collaboration, and build stronger interpersonal connections. This memorable getaway brought together new joiners and senior team members to share experiences, align on goals, and create lasting memories.

From fun-filled team-building activities to meaningful brainstorming discussions, the retreat offered valuable learning and reflection. It was an inspiring opportunity for everyone to recharge and return with renewed energy and unity.

MONTHLY CELEBRATIONS



MONTHLY CELEBRATIONS



**Team ESSCI celebrated monthly
birthdays with joy and togetherness!**

WORK ANNIVERSARIES

Celebrating monthly work anniversaries
by felicitating employees



Mr . Rishav Kumar Bisht
Asstt. Manager - Operations , Affiliation & QC
"Celebrated 3 years at Essci"



Mr . Hemant Singh
Sr. Manager-Finance & Accounts
"Celebrated 7 years at Essci"



Ms . Gagan Handa
EA to CEO
"Celebrated 3 years at Essci"



Skilling is treated as extracurricular activity in India: CEO, NITI Aayog

Skilling is still treated as an extracurricular activity in India and yet to be treated as part of mainstream education, said B.V.R Subrahmanyam, CEO, NITI Aayog here on Wednesday.

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Central Government offers 5 free AI courses for students and professionals: Eligibility, duration and how to apply

AI is quietly taking over thousands of jobs along while creating some new ones too. Therefore the need upskilling oneself in such turbulent times is becoming increasingly necessary. Given the importance of AI tools and LLM Models the Government of India has launched 5 new courses for students, educators and data science professionals.

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IIT Bhubaneswar advances semiconductor mission with pilot line push for power electronics

The Indian Institute of Technology (IIT) Bhubaneswar on Friday hosted a one-day national workshop on "Setting Up a Pilot Line for Integrated Power Electronics", bringing together key representatives from industry, academia and government to advance India's semiconductor ambitions under the India Semiconductor Mission (ISM).

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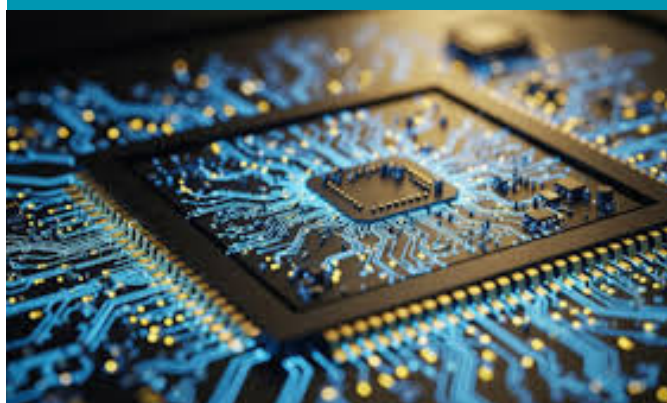




India-Philippines: Skill Development & Labour Mobility

New Delhi, Oct 21 (PTI) Union Minister Jayant Chaudhary is leading a high-level delegation to the Philippines from October 20-22 for fostering knowledge exchange and sharing best practices in areas related to skill development, labour mobility and data-driven policy frameworks

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CSIR-NIIST to host 5-day skill development training

The National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, a premier research laboratory under the Council of Scientific and Industrial Research (CSIR), Government of India, is hosting a five-day skill development training programme from December 8 in Thiruvananthapuram.

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Govt approves 7 projects worth ₹5,532 cr under ECMS, to create 5,000 jobs

Seven new projects worth Rs 5,532 crore have been approved under the Electronics Component Manufacturing Scheme (ECMS), marking another major step in India's growing electronics manufacturing industry.

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ELECTRONICS SECTOR SKILLS COUNCIL OF INDIA

155, 2nd Floor, ESC House
Okhla Industrial Area-Phase 3,
New Delhi- 110020

www.essc-india.org

ea@essc-india.org

+91-84477-38501

