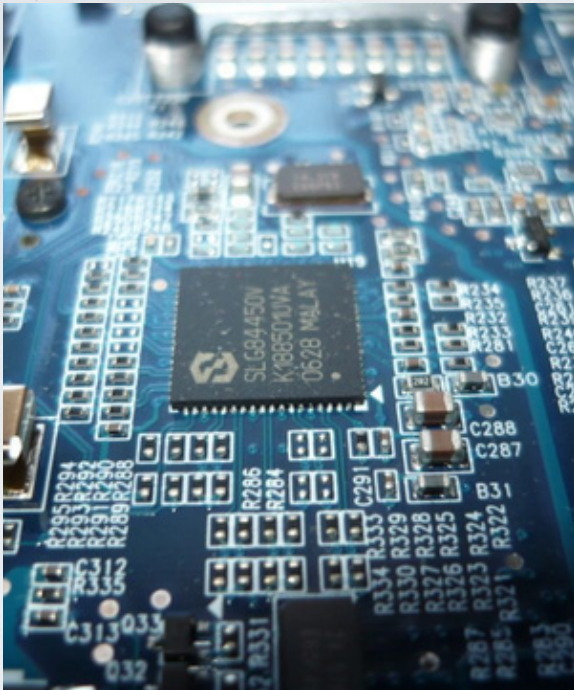


# Electronics Sector Skills Council of India

# NEWSLETTER

VOL. 27, ISSUE 57

January 2026



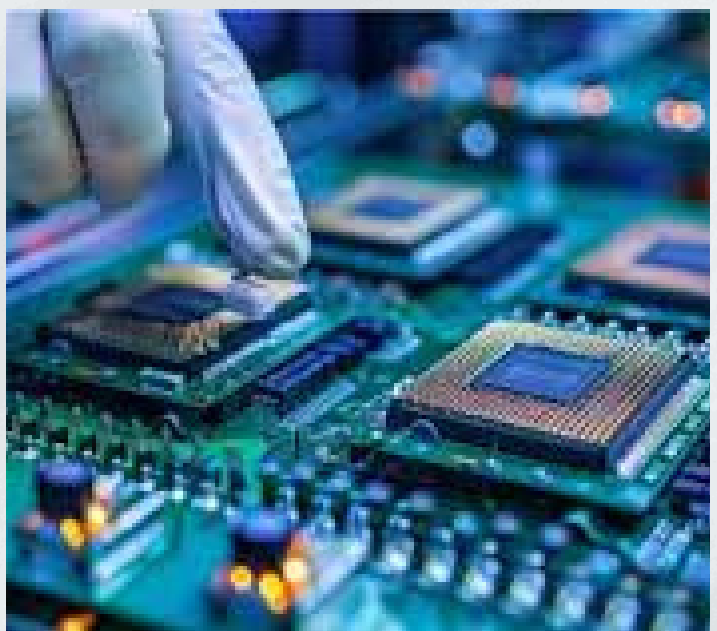
## **Tiny Boards, Big Paychecks: Why PCB Design and Manufacturing is the Hottest Job in 2026**

If you look inside your phone or your TV, you will see a green board covered in tiny parts. That is a Printed Circuit Board, or a PCB design. For a long time, we did not think much about where those boards came from. Most were made far away in giant factories across the ocean. It was cheap and easy. But things are changing fast in 2026.

### **TOP NEWS**

► **L&T Semiconductor Technologies forays into cellular IoT module business**

**Chennai needs more skill training centres to boost solar energy adoption**



**[READ MORE](#)**

# MEMORANDUM OF UNDERSTANDING



## MoU Exchanged between ESSCI & Assam Don Bosco University

Mr. Saleem Ahmed, Officiating Head, Electronics Sector Skills Council of India (ESSCI), visited Assam Don Bosco University (ADBU), Guwahati, on 19 January 2026, to hold focused deliberations on operationalizing the recently signed MoU between ESSCI and ADBU. The discussions were centered on strengthening skill development initiatives in Electronics System Design and Manufacturing (ESDM) and the semiconductor domain, with a strong emphasis on aligning academic curriculum with emerging industry needs.

Key areas of discussion included the integration of ESSCI's National Occupational Standards (NOS) into academic programmes, faculty capacity building, student assessment and certification, and the creation of structured pathways for internships, apprenticeships, and industry exposure. Both institutions underscored the importance of developing a future-ready talent pipeline equipped with industry-relevant skills to support India's rapidly expanding electronics and semiconductor ecosystem.

This engagement reflects ESSCI's sustained efforts to strengthen the electronics sector workforce in the North East region, complementing initiatives such as the IndiaSkills North East Regional Competition hosted at nearby Gauhati University. Collectively, these initiatives highlight ESSCI's commitment to deepening industry-academia collaboration and enabling regional institutions to play a meaningful role in India's ESDM and semiconductor growth journey.



# SUB SECTOR OF THE MONTH



## Consumer Electronics: Growth, Innovation & Skilled Employment

India's Consumer Electronics (CE) sector is growing steadily, driven by rising household incomes, urbanisation, replacement demand, and increasing adoption of energy-efficient and smart appliances. Government initiatives such as Make in India, the PLI Scheme for White Goods (ACs and LED Lights), UJALA, and BEE energy-efficiency standards have strengthened domestic manufacturing and accelerated market adoption.

The expansion of e-commerce and organised retail has further increased demand for installation, repair, and after-sales services, making the CE services ecosystem a significant employment generator.

The sector is rapidly transitioning towards smart, connected, and sensor-based appliances, with embedded electronics and digital controls becoming standard across televisions, air conditioners, washing machines, refrigerators, kitchen appliances, and water purifiers. This shift is driving strong demand for multi-skilled service technicians, HVAC and RACW specialists, quality supervisors, and customer support professionals.

The Electronics Sector Skills Council of India (ESSCI) supports the Consumer Electronics sector through NSQF-aligned, industry-driven skilling and certification programmes focused on appliance installation, servicing, repair, and quality assurance—enhancing employability and building a future-ready workforce for India's consumer electronics ecosystem.

## ESSCI – Consumer Electronics Job Roles

Qualification Name	Qualification Code	NSQF Level
Assistant Technician – TV	ELE/Q3101	3
Service Technician – Home Appliances	ELE/Q3111	4
Junior Field Technician – Basic Home Appliances	ELE/Q3117	3
Multi Skill Technician (Home Appliances)	ELE/Q3115	4
Multi Skill Technician – Consumer Durables	ELE/Q3118	4
Field Technician – Air Conditioner	ELE/Q3102	4
Field Technician – Kitchen Appliances	ELE/Q3104	4
HVAC Technician	ELE/Q3112	4
Sr. Technician – RACW (Refrigeration, AC & Washing Machine)	ELE/Q3105	5
Quality Supervisor (Consumer Goods)	ELE/Q7901	5
In-Store Demonstrator	ELE/Q3202	3
Customer Service Executive – Electronic Products	ELE/Q4603	4



# EVENTS & INTERACTIONS



## IndiaSkills 2025–26 North East Launch

The North East Regional Competition of IndiaSkills 2025–26 commenced on 19 January 2026 at Gauhati University, Guwahati, Assam, marking the first exclusive regional competition dedicated to showcasing the exceptional talent of youth from all eight North Eastern states.

The competition was inaugurated by the Union Minister of State (Independent Charge) for Skill Development and Entrepreneurship, Shri Jayant Chaudhary, in the esteemed presence of key stakeholders from the skill development ecosystem, including government officials, industry representatives, academic leaders, and training partners.

This landmark event provides a robust platform for young competitors to demonstrate their technical excellence across multiple skill categories, while fostering a culture of skill excellence, innovation, and healthy competition in the region. Aligned with the vision of Skill India, the North East Regional Competition underscores the Government's commitment to nurturing regional talent, strengthening employability, and integrating the North Eastern states into India's national and global skills landscape.

Through hands-on challenges, expert mentorship, and rigorous evaluation, the competition aims to empower youth, celebrate craftsmanship, and inspire the next generation of skilled professionals contributing to Viksit Bharat.

# EVENTS & INTERACTIONS



## IndiaSkills 2025–26 Regional Competition Preparations Begin

From a familiarization and competition perspective, the process for the IndiaSkills 20–21 January 2026 Regional Competition is currently underway, guided by our esteemed Chief Experts, jury members, and workshop managers.

With their expert direction, competitors are being introduced to the competition framework, technical standards, assessment criteria, and safety protocols, ensuring clarity and preparedness ahead of the live competitive rounds. This structured familiarization process is designed to build confidence, encourage fair play, and align participants with WorldSkills benchmarks and industry-relevant practices.

Through hands-on orientation sessions, expert briefings, and interactive guidance, the initiative is setting the stage for a smooth, transparent, and enriching competition experience, empowering participants to perform at their best while fostering excellence, professionalism, and skill mastery across all trades.



# EVENTS & INTERACTIONS



## Winner at IndiaSkills 2025

At the Closing Ceremony of the IndiaSkills Regional Competition on 22 January 2025–26, we proudly celebrated a remarkable milestone that reflected the hard work and commitment of our talented team. Delivering an exceptional performance in Electronics and Electrical Installation skills, our participants secured Gold, Silver, and Bronze medals, showcasing technical excellence, precision, and innovation.

This outstanding achievement stands as a true testament to their dedication, rigorous training, and strong teamwork, while reinforcing our continued commitment to nurturing skilled professionals who are ready to contribute meaningfully to India's growing skill ecosystem.



# WINNER OF INDIASKILLS REGIONAL COMPETITION 2025-26



# EVENTS & INTERACTIONS



## visit to Assam Don Bosco University Guwahati

Mr. Saleem Ahmed, Officiating Head, Electronics Sector Skills Council of India (ESSCI), visited Assam Don Bosco University (ADBU), Guwahati, on 21 January 2026 and held focused discussions on operationalizing the recently signed MoU between ESSCI and ADBU. The deliberations centered on advancing skill development initiatives in Electronics System Design and Manufacturing (ESDM) and semiconductors, with an emphasis on curriculum alignment, industry-relevant training, certification pathways, and enhanced industry-academia collaboration to create a future-ready talent pool.

This engagement aligns with ESSCI's continued efforts to strengthen the electronics sector workforce in the North Eastern region, complementing key initiatives such as the IndiaSkills North East Regional Competition at the nearby Gauhati University. Together, these efforts reflect ESSCI's commitment to fostering regional capacity building, promoting emerging technologies, and enabling sustainable employment opportunities for youth in high-growth electronics and semiconductor domains.



# EVENTS & INTERACTIONS



## ESSCI–Gauhati University Discuss ESDM Skill Development Collaboration

Mr. Saleem Ahmed, Officiating Head, Electronics Sector Skills Council of India (ESSCI), held a meeting with the Department of Electronics and Communication Technology (ECT), Gauhati University, on 21 January 2026, to explore potential collaborations in Electronics System Design and Manufacturing (ESDM) workforce development. The discussions focused on leveraging the University's B.Tech., M.Tech., and M.Sc. programmes in electronics, signal processing, and communication to better align academic curricula with evolving industry requirements and emerging technologies in the electronics sector.

The interaction emphasized integrating competency-based training, industry-aligned modules, faculty upskilling, and student certification pathways to enhance employability and job readiness. Potential areas of collaboration such as joint skill development programmes, internships, industry exposure, and applied research initiatives were also discussed, with the shared objective of building a robust, future-ready talent pipeline to support India's growing ESDM ecosystem.



# EVENTS & INTERACTIONS



## Samsung Innovation Campus 2026

The Electronics Sector Skills Council of India (ESSCI), in collaboration with Samsung and Mapping Skills Technology Pvt. Ltd., successfully launched Samsung Innovation Campus – Phase III on 8 January 2026 at the University of Madras, Chennai, through a thoughtfully curated launch-cum-lunch event. The programme marks a significant step towards empowering students with future-ready skills and strengthening India's digital talent ecosystem through impactful industry-academia partnerships.

Under this phase, four batches of advanced AI training have been initiated, with a vision to skill nearly 2,000 candidates from the University of Madras and its affiliated colleges. Designed to bridge the gap between academic learning and industry expectations, the programme focuses on imparting hands-on, industry-relevant AI competencies, enabling students to enhance their employability and confidently pursue technology-driven career pathways.

ESSCI remains committed to fostering strong academia-industry collaboration and building a skilled talent pool aligned with emerging technologies and national skilling priorities, contributing to India's vision of a future-ready and digitally empowered workforce.

# EVENTS & INTERACTIONS



## Samsung Innovation Campus 2026

The Electronics Sector Skills Council of India (ESSCI) successfully organised the Certification Ceremony for 1,750 beneficiaries under the Samsung Innovation Campus (SIC) programme at City Group of Colleges, Lucknow, on 12 January 2026. The event was graciously graced by the Hon'ble Minister of State for Higher Education, Government of Uttar Pradesh, Smt. Rajni Tiwari. The ceremony was also attended by Smt. Mamta Srivastava, Director, City Group of Colleges, along with faculty members, ESSCI representatives, and enthusiastic students.

During the ceremony, beneficiaries were felicitated for successfully completing their training, marking a significant milestone in their skill development journey. The programme highlighted the importance of industry-aligned training in enhancing employability and equipping youth with practical, in-demand skills required by the evolving electronics and technology sectors.

Organised on National Youth Day, this initiative reflects ESSCI's continued commitment to empowering youth through industry-relevant skill development. The programme aligns with the Hon'ble Prime Minister's vision of building a skilled, job-ready, and future-ready workforce, contributing to the socio-economic growth of Uttar Pradesh and the nation.



# EVENTS & INTERACTIONS



## Samsung Innovation Campus 2026

The Electronics Sector Skills Council of India (ESSCI) successfully organized the Certification Distribution Ceremony for the AI Course at Baba Institute of Technology & Sciences, Visakhapatnam, Andhra Pradesh, on 23 January 2026, celebrating the certification of 250 candidates under the programme.

The ceremony was graced by Dr. M. Rajan Babu, Principal; Dr. B. Poorna Satyanarayana, Dean; and Smt. K. Gnanaveni, Special Deputy Collector, whose presence and insights underscored the significance of industry-aligned skilling and the growing importance of AI competencies in building a future-ready workforce.

The event highlighted the transformative role of Artificial Intelligence in driving innovation across sectors and the need to equip students with practical, job-ready skills aligned with evolving industry requirements. It also served as a platform to recognize the dedication of the learners and the collaborative efforts of academic institutions and industry bodies in strengthening India's digital talent pipeline.

Through such initiatives, ESSCI continues to reinforce its commitment to promoting advanced technology skills, enhancing employability, and supporting the national vision of developing a skilled, adaptable, and future-ready workforce capable of meeting the demands of the digital economy.



# EVENTS & INTERACTIONS



## ESSCI at Samarth Bharat Vichar Goshti 2026

Mr. Saleem Ahmed, Officiating Head – Electronics Sector Skills Council of India (ESSCI), attended the Samarth Bharat Vichar Goshti 2026 on 15 January 2026 at the NDMC Convention Centre, New Delhi. The forum served as a significant platform for advancing discussions on youth skilling, service, and nation-building, aligned with the vision of Viksit Bharat.

The event featured insightful deliberations on strengthening India's workforce through skill development, vocational education, and inclusive growth, with key perspectives shared by Hon'ble Delhi Chief Minister Smt. Rekha Gupta. The discussions highlighted the critical role of industry-led skilling initiatives and service-oriented approaches in empowering youth and creating sustainable employment opportunities.

The themes and conversations strongly resonated with ESSCI's ongoing efforts in the ESDM sector and vocational training, reaffirming its commitment to building a future-ready, skilled, and resilient workforce to support India's long-term economic and technological aspirations.

# EVENTS & INTERACTIONS



## ESSCI Green Skilling at E[co]Work 2026

Mr. Saleem Ahmed, Officiating Head – Electronics Sector Skills Council of India (ESSCI), attended the E[co]Work Certification Ceremony for ESG startups as the Chief Guest on 17 January 2026. The ceremony brought together forward-looking startups driving impactful solutions in compliant e-waste recycling, resource efficiency, and circular economy practices.

The event highlighted innovative approaches that strongly resonate with ESSCI's MoU-driven initiatives for skilling green jobs, reinforcing the shared vision of building a future-ready and sustainable workforce. Mr. Ahmed appreciated the startups' commitment to responsible growth and emphasized the critical role of skill development in enabling India's green transition, particularly within the ESDM sector.



# EVENTS & INTERACTIONS



## Inaugural Session of PHDCCI National Skill Summit 2026

Mr. Saleem Ahmed, Officiating Head, Electronics Sector Skills Council of India (ESSCI), and Co-Chair, National Skill Committee, PHDCCI, attended the inaugural session of the PHDCCI National Skill Summit 2026, themed “Skilled Bharat for Viksit Bharat 2047”, on 23 January 2026 at PHD House, New Delhi, alongside the Hon’ble Minister of Science & Technology, Dr. Jitender Singh, Dr. Neha Berlia, Chairperson, PHDCCI National Skill Committee, and other distinguished dignitaries.

The summit closely aligns with the shared vision of strengthening India’s skill ecosystem and building a future-ready workforce to support the journey towards Viksit Bharat.



# EVENTS & INTERACTIONS



## PHDCCI National Skill Summit 2026 | Panel Discussion

Col. Suhail Zaidi, Director General, MAIT, and Board Director, Electronics Sector Skills Council of India (ESSCI), participated in a high-impact panel discussion at the PHDCCI National Skill Summit 2026, held on 23 January 2026 at PHD House, New Delhi.

The session, themed “Building a Future-Ready and Sustainable Workforce: Skills for India,” was anchored in the overarching vision of “Skilled Bharat for Viksit Bharat 2047.” The discussion underscored the growing importance of industry-led skilling, public-private collaboration, and sustainability-driven workforce planning to address evolving technological and economic demands.

Deliberations focused on aligning skill development with emerging industry needs, strengthening institutional partnerships, and fostering resilient talent pipelines that can support India’s long-term growth and global competitiveness.

# EVENTS & INTERACTIONS



## ESSCI & ABB Advance Skilled Electrician Training with Phase II of Smart Centre Initiative

The Electronics Sector Skills Council of India (ESSCI) has successfully commenced Phase II of the ABB-ESSCI Smart Centre for Electricians on 27 January 2026, building on the strong foundation established during Phase I, under which 210 candidates were trained and certified.

As of January 2026, 70 candidates have been trained and assessed, with two additional batches currently undergoing training. The completion of the certification ceremony and the continuity of training activities demonstrate steady progress toward achieving the Phase II target of training 210 candidates.

Through this sustained collaboration with ABB, ESSCI continues to strengthen skilled workforce development in the electrician domain, contributing meaningfully to India's growing industrial and skill ecosystem.



# EVENTS & INTERACTIONS



## Panel Discussion: Preparing the Next Generation of UAV Operators

Mr. Saleem Ahmed, Officiating Head – Electronics Sector Skills Council of India (ESSCI), participated as a panelist at Enord Drone Day 2026, held on 30 January 2026 at Eros Hotel, New Delhi, alongside distinguished industry leaders.]

The panel discussion on “Training, Simulation & Readiness: Preparing the Next Generation of UAV Operators” underscored the importance of robust skilling frameworks, simulation-driven learning, and workforce preparedness in strengthening India’s growing drone ecosystem.

ESSCI is pleased to collaborate with Enord, our valued industry partner, in fostering meaningful dialogue and collective action to shape the future of UAV operations and emerging technologies in India.

# EVENTS & INTERACTIONS



## Welcoming UNIDO for Insights on ESG-Aligned Skill Development in Electronics

We were pleased to welcome Mr. Alberto Medina Islas, Project Coordinator, Division of Fair Production, Sustainability Standards and Trade, Skills Development, Entrepreneurship, and Female Production, UNIDO, to our office on 29 January 2026.

The visit featured insightful discussions on preparedness for skilled manpower in the ESG sector, with a focused perspective on the electronics ecosystem. Key deliberations covered fair production practices, sustainability standards, and workforce readiness, highlighting the critical role of skill development in advancing responsible and sustainable industrial growth.

The interaction reaffirmed the importance of collaborative efforts in building a future-ready, ESG-aligned electronics workforce.



# MONTHLY CELEBRATIONS



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

# WORK ANNIVERSARIES

Celebrating monthly work anniversaries  
by felicitating employees



Mr. Manoj Kumar  
Head - Finance & Accounts  
"Celebrated 2 years at Essci"



Mr. Tarkeshwar Mishra  
Asstt. Project Manager- Strategic Partnerships  
"Celebrated 2 years at Essci"



Mr. Praveen Kumar  
Project Coordinator- Strategic Partnerships  
"Celebrated 1 year at Essci"



Mr. Hitendra Kumar  
Executive -Projects & learning Solutions  
"Celebrated 1 year at Essci"





### **SECL partners with Sri Sathya Sai Trust to set up ₹35.04-crore healthcare skill development centre in Chhattisgarh**

BSouth Eastern Coalfields Limited (SECL), a Chhattisgarh-based coal PSU, has signed a Memorandum of Understanding (MoU) with the Sri Sathya Sai Health & Education Trust to establish a Healthcare Skill Development Centre at Nava Raipur, Chhattisgarh. The project will be implemented under SECL's Corporate Social Responsibility programme with financial assistance of ₹35.04 crore.

[READ MORE](#)

### **PM Modi to open India AI Impact Summit 2026; global leaders and tech CEOs to convene in Delhi**

Prime Minister Narendra Modi is set to inaugurate the expo and opening ceremony of the India AI Impact Summit, scheduled to take place from February 15–20, 2026

[READ MORE](#)

### **In India, National Youth Day Brings Focus On Job Shortages And Skills Gaps**

Amid stellar gross domestic product (GDP) growth, India's young workforce faces unemployment and skill gaps that threaten the nation's economic growth and Viksit Bharat ambitions

[READ MORE](#)



### Uttar Pradesh govt announces sops for GCCs and semiconductor plants

In pursuit of its \$1 trillion economy goal, the Uttar Pradesh government is stepping up efforts to attract foreign direct investment (FDI) in the Global Capability Centres and semiconductor plants.

[READ MORE](#)

### Cabinet okays new incentives for semiconductor units

Lucknow: The State Cabinet on Tuesday approved amendments to the Semiconductor Policy 2024, under which the govt will be able to offer special incentives on a case-by-case basis for investments of Rs 3,000 crore and more.

[READ MORE](#)

### India's Future Workforce Must be AI-Confident: Jayant Chaudhary

The Minister of State (Independent Charge) for Skill Development & Entrepreneurship and Minister of State for Education successfully completed the SOAR 'AI to be Aware' learning module, symbolising a commitment to lifelong learning and AI readiness.

[READ MORE](#)





## ELECTRONICS SECTOR SKILLS COUNCIL OF INDIA

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

[www.essc-india.org](http://www.essc-india.org)

[ea@essc-india.org](mailto:ea@essc-india.org)

+91-84477-38501

