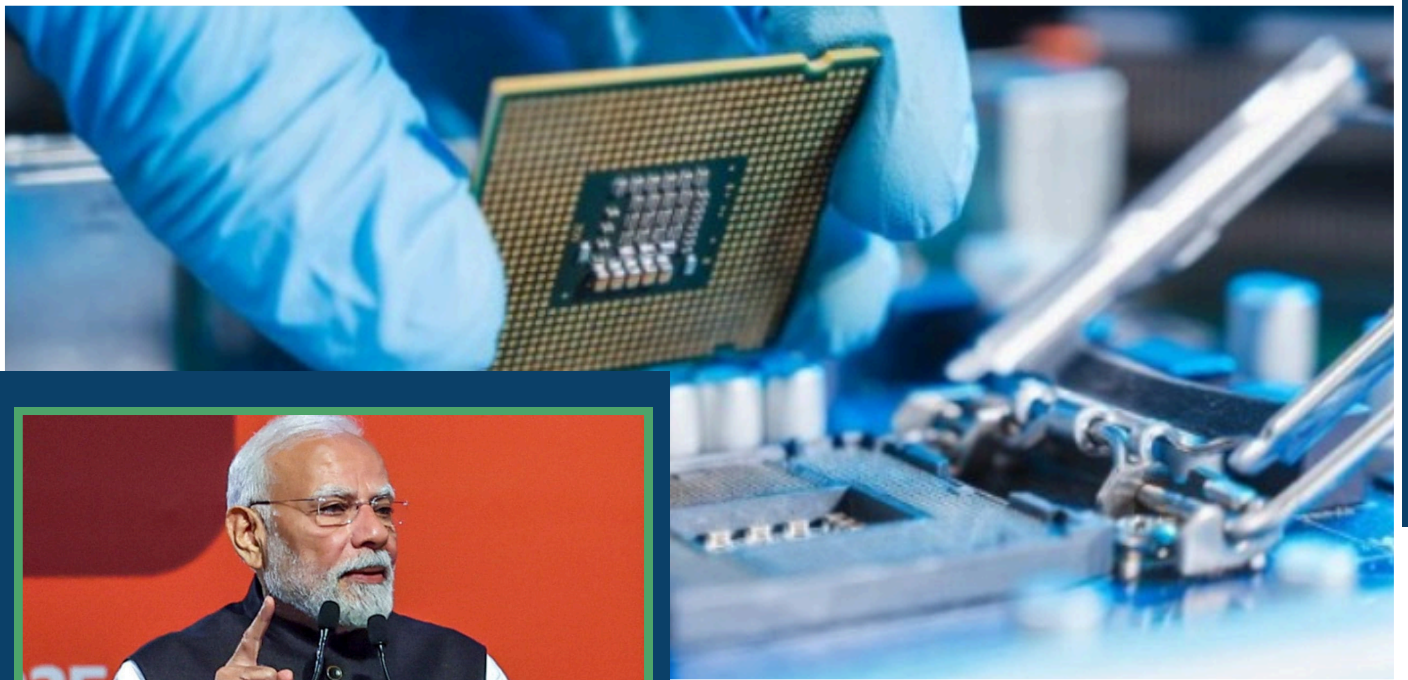


# NEWSLETTER

ELECTRONICS SECTOR SKILLS COUNCIL OF INDIA



## NEWS UPDATE

PM Modi inaugurates Micron Technology's Semiconductor plant at Sanand in Gujarat

MSDE Secretary Visits IIE Assam to Boost Skills and Entrepreneurship in Northeast

यूपी के युवाओं को मिलेगी सेमीकंडक्टर की ट्रेनिंग, जानिए इसके लिए क्या है सरकार की तैयारी

ईएसएससीआई और उत्तर प्रदेश इलेक्ट्रॉनिक्स कॉरपोरेशन लिमिटेड ने युवाओं को इलेक्ट्रॉनिक्स व सेमीकंडक्टर में प्रशिक्षित करने का समझौता किया।

# MEMORANDUM OF UNDERSTANDING



## Uttar Pradesh Electronics Corporation Limited

The MoU signed on 8 April 2026 between ESSCI and UPLC aims to strengthen skill development and workforce readiness in the Electronics System Design and Manufacturing (ESDM) sector. By combining ESSCI's NSQF-aligned training standards with UPLC's regional infrastructure, the partnership will bridge the industry skill gap through standardized Qualification Packs (QPs) and National Occupational Standards (NOS) focused on emerging technologies such as AI, IoT, VLSI, and Robotics.

The collaboration will also establish Center of Excellence (CoE) models for hands-on technical training and accelerate the skilling-to-placement pipeline to meet the growing demand of the global electronics industry. This public-private partnership is expected to build a future-ready talent ecosystem and support the rapid growth of Uttar Pradesh's technology and electronics corridor.

## Synopsys International Limited

Electronics Sector Skills Council of India (ESSCI) signed a Memorandum of Understanding (MoU) with Synopsys International Limited on 13 April 2026 to strengthen Industry-Academia collaboration and promote structured skill development in the semiconductor design and electronics sector. The partnership aims to build industry-ready talent through advanced technical training and future-focused learning initiatives.

The collaboration will support skilling in areas such as VLSI and semiconductor technologies by providing students with access to industry-aligned programs and practical learning opportunities. It also creates a scalable model for states and academic institutions to integrate industry-led skilling initiatives and strengthen the regional technology talent ecosystem.



युवाओं को मिलेगी सेमीकंडक्टर की ट्रेनिंग

परसपो मार्ट में ईएसएससीआई और यूपीएलसी के बीच समझौता करते हुए पदाधिकारी ● सी. अशोक

जास, गेट नोएडा : कौशल विकास सेमीकंडक्टर डिजाइन, फैब्रिकेशन और इलेक्ट्रॉनिक इलेक्ट्रॉनिक्स

यूपी के युवाओं को मिलेगी सेमीकंडक्टर की ट्रेनिंग

जगत दामिनी 111 कोराज

उत्तर प्रदेश के युवाओं के लिए पुरस्कारों के साथ-साथ कौशल विकास के अंतर्गत कार्यरत इलेक्ट्रॉनिक्स सेक्टर विकास काउंसिल ऑफ इंडिया (ईएसएससीआई) और उत्तर प्रदेश इलेक्ट्रॉनिक्स कॉर्पोरेशन लिमिटेड (यूपीएलसी) के बीच में डेटा-सेक्टर स्थित इंडिया एक्सचेंज सेंटर में एक महत्वपूर्ण समझौता (MoU) हुआ है। इस समझौते का प्रस्ताव उत्तर प्रदेश के युवाओं को इलेक्ट्रॉनिक्स और सेमीकंडक्टर जैसे आधुनिक क्षेत्रों में रख बनाना है। उत्तर प्रदेश को एक वैश्विक औद्योगिक क्षेत्र के रूप में स्थापित किया जा सके। इस समझौते के तहत युवाओं को कमी की दूर करने पर जोर दिया जाएगा।

ईएसएससीआई राज्य में युवाओं के लिए विशेष प्रशिक्षण, अप्रीकेंटिंग और डिजिटल कौशल विकास कार्यक्रमों को संचालित करेगा। इससे सेमीकंडक्टर डिजाइन, फैब्रिकेशन और आई-टीक इलेक्ट्रॉनिक्स में न्यूनताओं को पूरा करने में मदद मिलेगी। जैसे-जैसे डिमांड बढ़ती है, युवाओं को प्रशिक्षित करने में मदद मिलेगी।

यूपीएलसी अपने राज्याधीन नेटवर्क के जरिए ईएसएससीआई को स्कूलों, कॉलेजों, ग्रोप संस्थानों और सरकारी कक्षाओं से जोड़ेगा। इसके अलावा, दोनों संस्थानों मिलकर राज्य में कर्मियों की कमी को दूर करने और अभियंता की जरूरतों को पूरा करने में मदद करेंगे। इसके अलावा, राज्य में स्थित और स्टार्टअप कंपनियों को

योजना है। ईएसएससीआई के सीईओ मधुसेंद्र सिंह ने इस मौके पर कहा कि यह समझौता भारत के सेमीकंडक्टर मिलाप के लिए अभियंता की कमी को पूरा करने में मदद में एक अग्रणी कदम है। इससे युवाओं को रोजगार मिलने में मदद मिलेगी।

यूपीएलसी के अध्यक्ष डॉ. अशोक ने कहा कि यह समझौता न केवल युवाओं को रोजगार मिलाने में मदद करेगा, बल्कि उन्हें इलेक्ट्रॉनिक्स में नैपल करने के अवसर प्रदान करेगा।

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युवाओं को मिलेगी सेमीकंडक्टर की ट्रेनिंग, हुआ समझौता

■ NBT न्यूज, ग्रेनो : इलेक्ट्रॉनिक्स सेक्टर स्किल्स काउंसिल ऑफ इंडिया (ईएसएससीआई) और उत्तर प्रदेश इलेक्ट्रॉनिक्स कॉर्पोरेशन लिमिटेड (यूपीएलसी) के बीच समझौता किया गया। इस साझेदारी का उद्देश्य युवाओं को आधुनिक तकनीकी क्षेत्रों में प्रशिक्षित कर रोजगार के नए अवसर उपलब्ध कराना है। इस समझौते के तहत इलेक्ट्रॉनिक्स

# MEMORANDUM OF UNDERSTANDING

APRIL  
2026



## Baba Banda Singh Bahadur Engineering College

The Electronics Sector Skills Council of India is pleased to formalize a strategic partnership with Baba Banda Singh Bahadur Engineering College through the signing of a Memorandum of Understanding (MoU) on 17 April 2026. This collaboration is focused on implementing industry-oriented competency assessment and certification frameworks to strengthen academia-industry integration and workforce readiness.

Under this partnership, both organizations will jointly advance the B.Voc Project with targeted specialization in the Electrical Technician and Refrigeration & Air Conditioning (RAC) domains. The initiative will align training and assessment methodologies with National Occupational Standards (NOS), ensuring competency-based skill development, enhanced employability outcomes, and the creation of a technically proficient talent pipeline aligned with evolving industry requirements.

## WasteTech India Forum

The Electronics Sector Skills Council of India team participated in the WasteTech India Forum 2026 on 22 April 2026 at The Lalit New Delhi. The forum brought together policymakers, OEMs, recyclers, and industry stakeholders to deliberate on key areas including e-waste recycling technologies, Extended Producer Responsibility (EPR) compliance, urban mining, and sustainable resource recovery systems. The event served as a strategic platform for discussions on emerging technologies, regulatory frameworks, and industry best practices aimed at strengthening India's e-waste management ecosystem.

During the forum, ESSCI highlighted its commitment to enabling a skilled and future-ready workforce for the circular economy through industry-aligned skilling initiatives in green jobs and sustainable manufacturing practices. The council emphasized the importance of competency-based training in e-waste management, recycling operations, and environmentally responsible production systems to address evolving industry demands.





## Security & Surveillance: Enabling Intelligent and Secure Infrastructure

The Security & Surveillance sub-sector is a key component of India's Electronics System Design and Manufacturing (ESDM) ecosystem, covering technologies such as IP-based CCTV systems, biometric and RFID-enabled access control, fire alarm and intrusion detection systems, HVAC and lighting automation, and integrated Building Management Systems (BMS). These systems are increasingly deployed across smart cities, airports, metro networks, commercial complexes, industrial facilities, and smart buildings to enhance safety, operational efficiency, and centralized monitoring.

The growing adoption of intelligent surveillance and automation technologies has created increasing demand for skilled professionals in installation, system integration, commissioning, preventive maintenance, and real-time monitoring operations. Industry requirements are rising for CCTV technicians, surveillance system integrators, control room operators, and field service engineers with knowledge of networking, structured cabling, digital communication systems, and smart monitoring platforms.

Driven by initiatives such as the Smart Cities Mission, the sector is witnessing rapid growth with the adoption of Artificial Intelligence (AI)-based video analytics, IoT-enabled surveillance devices, cloud-based Video Management Systems (VMS), edge computing, facial recognition, and Automatic Number Plate Recognition (ANPR) technologies. Advanced solutions including 4K IP cameras, thermal imaging systems, PoE-enabled networks, motion sensors, and integrated command-and-control centres are increasingly becoming standard across modern security deployments.

The Electronics Sector Skills Council of India supports the sector through NSQF-aligned, industry-driven skilling and certification programmes focused on surveillance systems, access control, electronic safety systems, and smart infrastructure technologies. ESSCI's qualifications help develop a skilled and industry-ready workforce, supporting India's growing demand for secure, connected, and intelligent infrastructure ecosystems.

# ESSCI & NCERT & KORCHAM: BUILDING TOMORROW'S WORKFORCE



## BUILDING FUTURE READY TALENT THROUGH INDUSTRY-ALIGNED SKILL DEVELOPMENT

Electronics Sector Skills Council of India (ESSCI), in collaboration with Mapping Skills Technology Pvt. Ltd., successfully organized a Certification Ceremony under the Ericsson – Skill Training for Youth (CSR Initiative) at Government ITI Noida on 15 April 2026. The initiative aimed to strengthen workforce readiness by providing industry-aligned technical training and certification to more than 75 students in Mobile Phone Hardware Repair and Artificial Intelligence of Things (AIoT). The program focused on building practical technical competencies, employability, and entrepreneurial capabilities among youth. During the student interaction session, participants shared success stories that highlighted enhanced confidence, skill development, and entrepreneurial growth, with several students launching their own ventures alongside their studies.

## SKILLS FOR SUCCESS: THE GOVT. ITI (WOMEN) GRADUATION

The Certification Ceremony held at Government ITI (Women), Gurugram on 7 April 2026 marked the successful completion of the Skill Training for Youth initiative, under which 70 young women were trained and certified in Mobile Phone Hardware Repair and Fundamentals of IoT. The program focused on building industry-relevant technical competencies and enhancing employability, while the ESSCI team also highlighted the importance of the National Education Policy (NEP), credit awareness, and skill-based learning for future career growth. ESSCI extends its appreciation to Jagriti Bhatia and Mapping Skills Technology Pvt. Ltd. for their valuable support in successfully implementing the initiative.

Electronics Sector Skills Council of India (ESSCI) had the privilege of hosting a distinguished delegation from National Council of Educational Research and Training and Korea Chamber of Commerce & Industry at the ESSCI Head Office in New Delhi on 6 April 2026. The strategic interaction focused on identifying collaborative opportunities for the development of advanced skilling frameworks and industry-integrated technical education models.

The discussions emphasized the co-development of competency-based training programs in Mechatronics and other emerging technology domains for School Education and Higher Education Institutions. The collaboration aims to design industry-aligned curricula, strengthen practical learning ecosystems, and equip learners with future-ready technical competencies aligned with evolving global workforce requirements.



# ESSCI EXPLORES GLOBAL SKILLING WITH TESDA AT NIESBUD



The interaction focused on strengthening industry-aligned skilling initiatives, addressing emerging workforce demands, and fostering collaborative approaches towards talent development in advanced technology domains. ESSCI continues to remain committed to bridging the talent gap and building a future-ready workforce through industry-driven partnerships and skill development initiatives.

The Electronics Sector Skills Council of India team participated in the workshop on “Empowering Circular Economy Transition in India: Jobs & Skills Baseline and Roadmap” held on 22 April 2026 at the Embassy of the Kingdom of the Netherlands.

The workshop underscored India’s strategic potential to accelerate the transition towards a circular economy-driven industrial ecosystem, with projections indicating the generation of nearly 10 million employment opportunities and an estimated market potential of USD 2 trillion by 2050. Key deliberations centered on the release of a baseline study and sectoral skill-gap assessment by Circle Economy, focusing on high-impact sectors including Plastics, Textiles, Electronics, and Battery Value Chains.

The discussions further emphasized the need for robust industry-academia-government collaboration, development of future-ready green skills frameworks, and strengthening international partnerships in preparation for the World Circular Economy Forum 2026, which is scheduled to be hosted by India.

The Electronics Sector Skills Council of India (ESSCI) team participated in a strategic workshop and interaction with the delegation from Technical Education and Skills Development Authority (TESDA) at the National Institute for Entrepreneurship and Small Business Development (NIESBUD) on 14 April 2026. The discussion focused on strengthening international collaboration in Technical and Vocational Education and Training (TVET), with emphasis on Industry 4.0 integration, semiconductor manufacturing skills, and competency-based workforce development for the electronics and ESDM sectors.

The engagement enabled both organizations to exchange best practices on global skilling standards, digital trade capabilities, and workforce mobility frameworks. By aligning National Skill Qualification Framework (NSQF) standards with international benchmarks, ESSCI continues to advance future-ready talent development and strengthen India’s position in the global electronics and semiconductor ecosystem.

## DRIVING THE ROADMAP FOR INDIA’S CIRCULAR ECONOMY



# NATIONAL CONFERENCE ON ENGINEERING & AI



The session emphasized the need for industry-aligned curricula, continuous upskilling frameworks, and stronger Industry–Academia collaboration to build a future-ready technical workforce. ESSCI reaffirmed its commitment to enhancing employability through competency-based skilling, hands-on technical training, and certification programs designed to meet the demands of the AI-driven technology ecosystem.



The Electronics Sector Skills Council of India (ESSCI) team, led by the CEO, participated in Pulse 2026 held at PHD House. Organized by PHD Chamber of Commerce and Industry, the session provided a strategic platform for engaging with industry stakeholders and discussing the evolving requirements of the Indian electronics and ESDM ecosystem.

## SHAPING THE FUTURE OF ELECTRONICS AT PULSE 2026

The Electronics Sector Skills Council of India (ESSCI) participated as a featured panelist at the National Conference on Role of Engineers in Transforming India using AI and Cutting-Edge Technologies held on 28 April 2026. The discussion focused on addressing the growing employability gap among engineering graduates caused by the disconnect between conventional academic curricula and rapidly evolving industry requirements in AI and emerging technologies.

The interaction focused on strengthening industry-aligned skilling initiatives, addressing emerging workforce demands, and fostering collaborative approaches towards talent development in advanced technology domains. ESSCI continues to remain committed to bridging the talent gap and building a future-ready workforce through industry-driven partnerships and skill development initiatives.



## ICEA and SSIA Bring Industry Together to Advance India-Singapore Semiconductor Partnership for deeper collaborations in the future

India Cellular & Electronics Association (ICEA), in partnership with the Singapore Semiconductor Industry Association (SSIA), convened a high-level, industry-led engagement in Singapore, bringing together leading semiconductor and electronics companies from India and Singapore to deepen collaboration across the value chain.

[READ MORE](#)

## Central and State Governments Jointly Invest About Rs 75,000 per Student Under Skill Development Initiatives

Union minister for electronics and IT Ashwini Vaishnaw on Sunday said that three more semiconductor plants under the Semicon Mission 1.0 will be operational by the end of 2026.

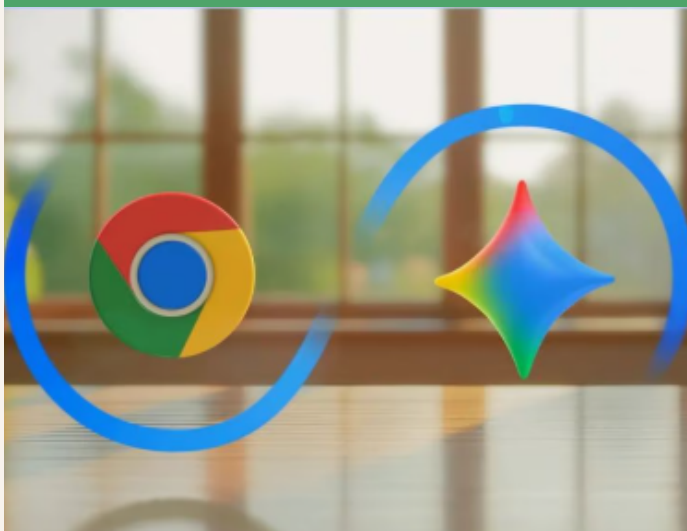
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## Google brings Gemini AI assistant in Chrome to India with support for Indian languages

Chrome users in India can now access Google's AI-powered Gemini assistant right in the browser. The search giant on Wednesday, March 11, announced that it is rolling out Gemini in Chrome in India nearly a year after the native integration was rolled out to users in the United States.

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## CSIR-NIScPR Workshop on Strengthening India's Semiconductor Ecosystem

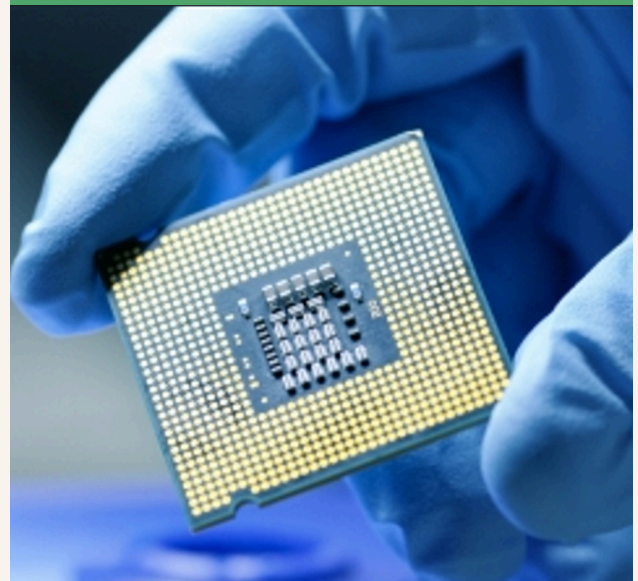
CSIR-NIScPR organised a day-long workshop on strengthening India's semiconductor ecosystem at Vivekananda Hall, Pusa Campus, New Delhi on 27 February 2026...

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## Delhi institutions playing key role in India's semiconductor talent push: Govt

Several leading educational institutions in Delhi are actively contributing to the Government of India's efforts to build a strong semiconductor ecosystem by training students in chip design and related technologies, the Ministry of Electronics and Information Technology said on Saturday.

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## Wipro Enterprises Plans Entry Into Semiconductor Manufacturing: Report

Wipro Enterprises is exploring plans to enter the semiconductor sector, likely through chip assembly. The company is looking at the outsourced semiconductor assembly and test (OSAT) route, according to a report by the Economic Times.

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# MONTHLY CELEBRATIONS



Mr. Kapil Pruthi  
General Manager - Operations  
"Celebrated 4 years at Essci"



Skilling India in Electronics

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