

e SKILLS NEWSLETTER

A Quarterly
Newsletter
from The
Electronics
Sector
Skills
Council of
India

From LEADER'S DESK

Piyush Chakraborty

Officiating Head



Dear Readers,

The New Education Policy - NEP 2020 is a step in the right direction to completely revamp the age old education system in the country and bring about a refreshing change by ensuring the alignment of the on-going skilling efforts with the NEP to further stimulate and strengthen the skill development initiatives in India by offering training, skilling, upskilling, and reskilling of the youth of the country.

As we transform the education landscape in the country and stand on the brink of a technological revolution which is expected to completely transform the way we work, live and interact with one another. The technological innovations, especially in electronics, are a major disruption in the whole skill development eco-system and is transforming the whole economy. The paradigm shift in imparting training and skill development in electronics through innovative use of AR/VR, Digital Platforms, LMS, Simulation techniques, digital platforms and virtual Labs and have added power to imparting of training and skill development.

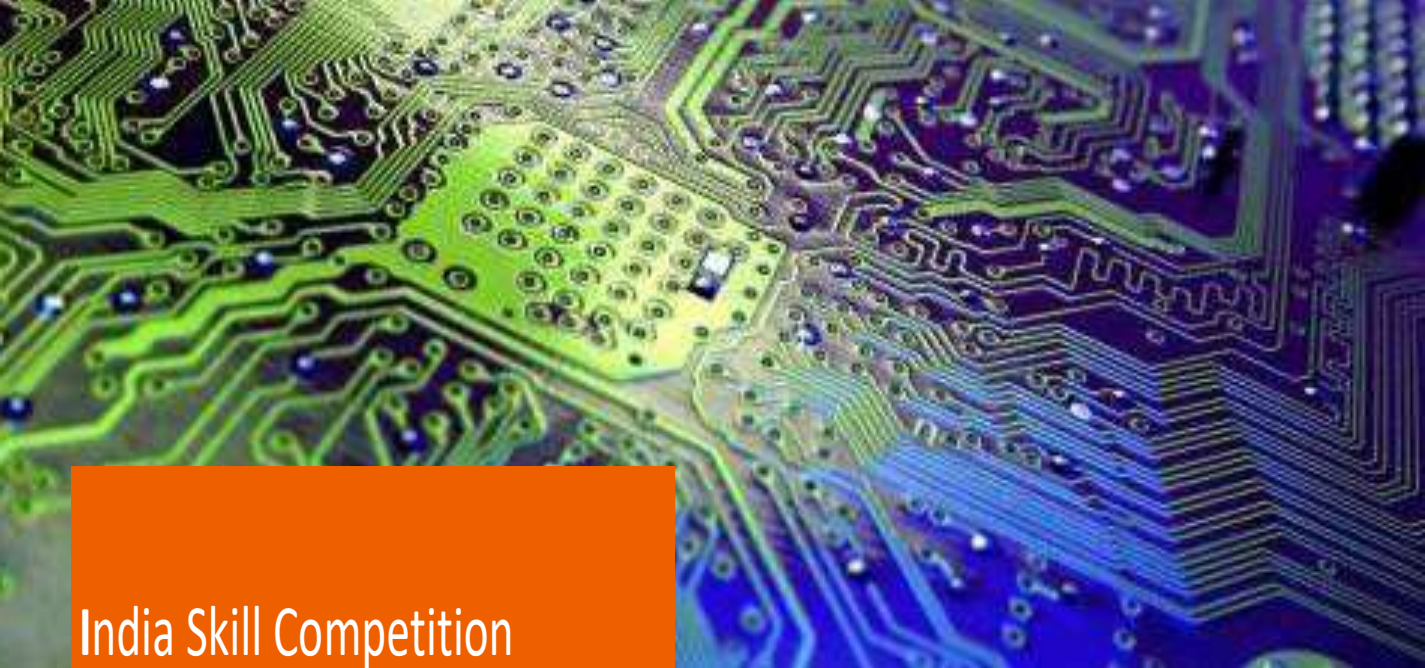
These disruptions have also begun to alter the conventional methods of employment resulting in a reduced number of available job opportunities and increasing the urgency for skilling and re-skilling people across the globe.

Going ahead, it becomes crucial to align the skilling efforts with the NEP to further stimulate the skill development initiatives in the country. The on-going skilling initiatives would need to be turned around and aligned accordingly to include the approach and spirit of the NEP.

This would ensure the formation of a strong human capital for the electronics sector and serve the nation to build a robust Industry capable of taking on any advanced country.

Contents

3	India Skill Competition
4	World Skills
5	NOS Committee Meeting
6	Achievements
7	Collaborations
11	COE
12	Hidden Talent



India Skill Competition

IndiaSkills Competitions is designed to demonstrate the highest standards of skills in India and make training aspirational for the youth.

On 28th August 2021, Delhi hosted State Level Skills Competition for the first time, Where Mr. Rishabh and Mr. Manoj represented The Electronics Sector Skills Council of India to support the competition. To implement the infrastructure, tools and equipment, volunteers and the experts for the competition.

The event was graced by Mr. Manish Sisodia Dy CM & Mrs. Atishi at the Mobile Robotics Gamefield. The competition was briefed by The Electronics Sector Skills Council of India expert representative Mr. Karan Patil along with the jury member Mr. Akshat Marathe.



WORLD SKILLS

Electronics



The Electronics Sector Skills Council of India-ESSCI Conducted the WorldSkills India Track -2 Competition in **Electronics** on 31st August 2021 and 1st September 2021 at the Delhi Skill and Entrepreneurship University-DSEU, New Delhi.

Mr. Ravin Ahuja and Mr. Krishna was Jury for this WorldSkills India Track -2

The ESSCI representative Mr. Rishabh & Mr. Manoj from the WorldSkills India team was present at the competition venue.

The Top 2 competitors Ankit Birla & Devansh Srivastava were selected in this competition and they will now go on to participate in the next round i.e Regional

ESSCI Conducted WorldSkills India Track -2 Competition in **Mobile Robotics** on the 31st August to 1st September 2021 in the Delhi Skill and Entrepreneurship University-DSEU, Delhi.

The Competition conducted in presence of Our Expert Mr. Karan Patil from Hunar Pro skill pvt ltd. Pune, and Mr. Sridhar who was also the Jury for this Skill

ESSCI representative Mr. Rishabh & Mr. Manoj from the WorldSkill India team were also present.

The Top 2 Team namely Jay Wardhan - Ajay kumar & Alok - Ashish selected from this competition and they will participate in the next round which will be the Regional Competitions

Mobile Robotics



Electrical Installation & Industrial Control



The ESSCI Conducted WorldSkills India Track -2 Competition in **Electrical Installation & Industrial Control** on 6th September 2021 to 7th September 2021 in the Hero Motocorp Factory, Dharuhera, Haryana.

Mr. Jagbir and Mr. Utpal Rakshit was Jury for Electrical Installation & Mr. Ajay Dubey was jury for Industrial Control.

ESSCI was represented by Mr. 'Rishabh, Mr. Aman & Mr. Manoj from the WorldSkill India In this event and the General Manager of Hero Motocorp Mr.Sudhanshu was there and he extended all possible support to the team.

Top 2 competitors selected from round will participate in the next level i.e regional competition

- Selected competitors - – Electrical Installation Amar Singh Gahlot & Ishwar Singh
- Selected competitors - – Industrial Control – Kavuri Deepti Sai kiran

ESSCI Conducted the WorldSkills India Track -2 Competition in **RAC** on 6th September to 7th September 2021, at the Key Path India Pvt Ltd, Patparganj, New Delhi.

Mr. N k Ahuja and Mr. Vineet Chauhan was the appointed Jury for this competition. Mr. Vishnu & Mr. Saleem were present at the Key path office on behalf of the ESSCI.

The Top 2 competitors selected from this competition will participate in the next round i.e Regional Competition

RAC



Mechatronics skills



ESSCI Conducted WorldSkills India Track -2 Competition in **Mechatronics skills** on date 13th Sep to 14th September in Toyota Kirloskar, Bidadi Industrial Area, Bangalore Mrs. J P Bhagyashree from Toyota and Mr. Mano Tamilraman from Festo was Jury for this competition.

Mr. Rishabh & Mr. Devraj (VP Technical) participated on behalf of ESSCI. from the WorldSkill India team was present.

Top 2 competitors selected from this competition and they will participate in the next round i.e regional competition

Selected competitors – Mechatronics

1. Pranit Laxman Yadav & Shivaji Ambadas Salunkhe
2. Vinay Soni & Sajal PrdaEEP

ESSCI Conducted WorldSkills India Track -2 Competition in **Industry 4.0 skills** on date 16th September 2021 to 17th September 2021 in the C V Raman College , Bhubhaneswar .

ESSCI was represented by , Mr. Rishabh & Mr. Varun Bhatia (GM Technical) & Mr. Manoj from the WorldSkill India team was present too.

Industry 4.0 skills



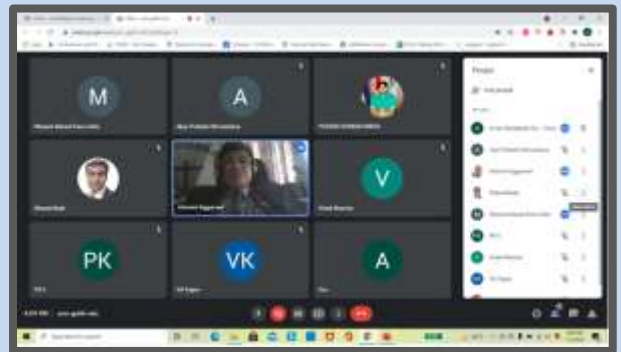
NOS Committee Meeting –

ESSCI Structured mechanism is aligned to Industry demands & the requirements benchmarked to National Standards. A NOS committee comprising of Industry stalwarts in each sub Sectors, meets quarterly to review and direct the activity in the right direction suited for current Sector demands

NOS committee Solar & LED NOS Meeting

The 5th NOS Committee Meeting for Solar & LED Sub-sector was held on 1st July,2021 under the Chairmanship of Mr. Ashwini Aggarwal.

The Industrial demand for design segment in solar industry and e-waste management were discussed & the committee suggested to develop some new course modules on Solar related job roles.



Partnering for next level

Collaboration with ESTC - July 2021

The Electronics Sector Skills Council of India- ESSCI is happy to announce the signing of MoU for an association with the Electronics Service & Training Centre (ESTC) an MSME Technology Centre, Ramnagar, Uttarakhand. This association aims at providing NSQF Courses to the youth in Electronics domains.

Currently, the following two courses have been rolled out:

- 1) Course in Programmable Logic Controller (PLC)
- 2) Course in Electronic Manufacturing System (EMS)

This collaboration came into existence with a MoU Signing Ceremony held on 15 July 2021 at ESSCI Delhi Office in the presence of the dignitaries of both entities.



ACHIEVEMENT



The Officiating Head of the electronics Sector Council of India Mr. Piyush Chakraborty had a meeting with Shri Rajeev Chandrasekhar, the Hon'ble Minister of State for Skill Development & Entrepreneurship and Electronics and Information Technology, Government of India.

ESSCI Officiating Head presented the overview of the council and way forward and sought the support and direction of the Hon'ble Minister, who very magnanimously suggested to upskill and certify electronics meter technicians specially for the Power, Gas and Water meters apart from suggesting focus on the manufacturing job roles and he offered all help and support.

The visionary leader was extremely welcoming and supportive and meeting him energised and motivated the officiating head. And accordingly a proposal has been submitted to undertake skill development of 6,00,000 candidates through the CSC network across the country.



COLLABORATIONS

1st Faculty Development Program | Sep 2021

It is indeed a matter of pride that The Electronics Sector Skills Council of India (ESSCI) has partnered with Electronics Service & Training center-ESTC Ramnagar, district Nainital, Uttarakhand and Mahatma Education Society, Raigarh, Maharashtra for their Vocational Skilling Initiatives, under which The Electronics Sector Skills Council of India (ESSCI) have undertaken its 1st online Faculty Development Program in “Programmable logic controller programming and troubleshooting” from 8th to the 18th September 2021. The training was executed using a blended learning methodology where candidates had attended sessions with Master Trainer and used LMS as well for self-learning.

On Collaboration for Launching Skill Based Industry Integrated Programs

The Skill Development Institute - Visakhapatnam as a part of Skill India Mission signs a Memorandum of Understanding with the Electronics Sector Skills Council of India (ESSCI). This collaboration will lead to the SDI-Visakhapatnam to provide trainings to unemployed youth in 5 different Job Roles approved by the ESSCI

Dignitaries present at the MoU signing

Mr. Piyush Chakraborty - Officiating Head, ESSCI,
 Mr. J. Mahesh, Chief Manager, SDI - Visakhapatnam,
 Mr. Satyanarayana, Advisor, ESSCI
 Mr. Lalu Dharavath - Regional Manager, South ESSCI
 Mr. Srinivasa Rao Palli, Senior Manager, SDI Visakhapatnam

Skill Development Institute - Visakhapatnam



The Odisha Knowledge Corporation Limited (OKCL), is under the administration of the Electronics & Information Technology (E&IT) Department of Government of Odisha. It is promoted jointly by the Government of Odisha and Maharashtra Knowledge Corporation Limited (MKCL), to create a new paradigm in education and development through universalization and integration of Information Technology in teaching, learning, and educational management processes in particular and socio-economic transformative processes in general.

OKCL has trained and assessed more than 85000 youth with its flagship IT Literacy Course Odisha State Certificate in Information Technology (OS-CIT). A complete Digital Literacy course, with world class content, OS-CIT has been able to establish a network of more than 500 computer institutes. OKCL also offers a range of vocational courses in eLearning, mode to enable seamless learning and skilling of the youth. It also offers a Mastering Track which helps in preparation for various competitive examinations with the help of online evaluation & analysis tools.

In addition, OKCL has implemented the e-Vidyalaya project under ICT@Schools scheme, which provides easy access to technology designed to help students in 4000 Government and Government aided high schools to learn beyond regular classroom studies.

The ESSCI will help OKCL in certifying their trained candidates, and will work with OKCL and OCAC with their programs for Colleges and schools using in-house LMS



Collaboration with IG Drones – August 2021

The Electronics Sector Skills Council of India (ESSCI) has signed a memorandum of understanding (MoU) on 24 Aug 2021 with IG Drones, a leading enterprise drone solution provider, to explore collaboration opportunities in Remotely Piloted Aircraft (RPA) training.

The drone technology is being rapidly adopted as its potential and applicability in multiple industries and domains, including commercial entities, individuals, armed forces and government organisations is being recognised. The MoU was signed by Mr Piyush Chakraborty, Officiating Head on Behalf of ESSCI, and Mr Om Prakash Das, Co-Founder and Director, IG Drones in ESSCI headquarter, New Delhi.

MoU signed between ESSCI and CSC e-governance to develop the assessment tools

In a significant development for the Indian skill ecosystem and the Electronics sector, a Memorandum of Understanding (MoU) was signed between The Electronics Sector Skill Council of India (ESSCI) and CSC e-Governance Service India Limited for 'cooperation in quality training, assessment and to validate the state of art infrastructure as per defined norms.'

The MoU includes taking up project development, capacity building, adequate laboratory infrastructure and tools with a clean environment and teaching aids as required for job roles. The MoU was signed by Mr Piyush Chakraborty, Officiating Head, ESSCI and Rishikesh Patankar, CSC e-Governance Service India Limited at Lodhi road, New Delhi on 16th August 2021. Senior officials of both organisations were also present on the occasion.

ESSCI is consistently collaborating with the industry and academia to skill and upskill and leverage India's demographic dividend to drive growth and enhance employability of the large number of youth.

ESSCI & SSU, Kolkata join hands to launch Industry Integrated Degree Programmes

The Electronics Sector Skills Council of India (ESSCI) signed a MoU with Kolkata-based Seacom Skills University (SSU), the first private university of West Bengal, to develop Industry Integrated Degree Programmes for various Electronics Sub Sectors under New Education Policy (NEP) in collaboration with Industry Partners based on Industry requirements.

Objectives of the MoU are to offer world-class skill training, industry exposure through on job training/apprenticeship, multi entry - multi exit incorporating NSQF Qualification Packs as per the mandate from UGC.

Mr Piyush Chakraborty, Officiating Head signed on Behalf of ESSCI, and Mr Anish Chakraborty, Chairman, Governing Body of SSU, signed the MoU on August 06, 2021 in Kolkata.



AXOM SARBA SIKSHA ABHIYAN MISSION, Govt. of Assam

The AXOM SARBA SIKSHA ABHIYAN MISSION is the vocational education programs of Govt of Assam and is to operationalized in schools and are aligned with NSQF, to prepare the student as skilled and to improve their vocational efficiency in maintaining the global competitiveness under diversified courses.

Currently 75 Schools have been undergoing Electronics Skilling through their Training Management Partners on behalf of Samagra Shiksha, Assam Project.

The main objectives are to cater the gap between demand and supply of skilled manpower aligned with academic institutions and industry and reduce the dropout rate in schools in Assam.

MoU signed

The Electronics Skill Sector Council of India & M/s Phytec Embedded Systems signed a MoU on 28th July 2021 for the joint collaboration & development of high-end training programs on Electronic R&D. Mentoring the students from start to finish by giving them live case studies and support in on the job training.

M/s Phytec is an eminent organization engaged in indigenous R&D work under the Make in India mission and working in designing customized electronic chips & modules for various applications like Water treatment plant , Air pollution check , Smart Energy meter to name a few.



ESSCI MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY

Centre of Excellence by ESSCI
(Electronic Sector Skills Council of India)

13th Center from All Over India
Only center for Mumbai, Navi Mumbai, Panvel & Raigad
To offer Indian Government Industrial skill certification to engineering students by ESSCI

We offer Government Certified Industrial skills on:

- PCB Designing and Manufacturing Process
- IoT based Analytical Skills

This Program includes
Personality Development and Industrial Management

FOR ENROLLMENT CONTACT:
Mr. Amar Mange - Principal Pillai HOC Polytechnic
Mr. Pratik Mhatre - Assistant Professor, PHCET
CONTACT NO. : 9324972109 / 9987211209

Limited Seats only

PCB & IoT Lab, 6th floor Engineering Building, Pillai HOC Educational Campus, Rasayani

Centre of Excellence at Pillai HOC College of Engineering & Technology (PHCET), Rasayani, Maharashtra

The Electronics Sector Skills Council of India (ESSCI) and PHCET signed MoU and established first kind of Centre of Excellence in the country related to PCB job roles.

PHCET has state-of-the-art facilities and distinguished faculty who have been a nurturing ground for students of high academic capabilities. It is established on a 14 acre of lush green campus with more than 3,00,000 sq. ft of built up area comprising of spacious classrooms, well-equipped laboratories and workshops, new age computer facilities and a well-stocked library which provide a stimulating educational environment within the college. PHCET is housed in an eleven storied building. The College has attracted qualified and experienced faculty members and has been constantly adding experienced faculty members to its already growing number of about 120 teaching staff.

HIDDEN TALENT

Art Work

By Kajal Singh



INDUSTRY ASSOCIATION PROMOTERS



Electronics Sector Skills Council of India

Ansal Chamber II, Electronics Sector Skills Council of India | Head Office: 602, 604, 606, 607 & 608, 6th, Bhikaji Cama Place, Rama Krishna Puram, New Delhi 110066

Follow us at



e SKILLS

A Quarterly Newsletter of The Electronics Sector Skills Council of India