रा.इ.सू.प्रौ.सं
NIELIT

National Institute of Electronics and Information Technology

(ISO 9001:2015 Certified Organisation)

Autonomous Scientific Society of Ministry of Electronics and Information Technology, Government of India

NEWSLETTER
Vol. 10 Issue 04/ Oct. 2022 (Quarterly)

HIGHLIGHTS

❖ Hon'ble Minister of State at NIELIT Calicut

❖ 21st Management Board Meeting Held

❖ 22nd NIELIT Directors' Meet Held at NIELIT Calicut

❖ NIELIT Participated in Digital India Week

❖ Training Program for Personnel of Indian Army

❖ Corporate Training for officials of Lok Sabha Secretariat

Dr Pratap Kumar S

EDITOR-IN-CHIEF'S DESK

We are delighted to present to you the NIELIT Newsletter for the 3rd quarter of 2022. This was full of exciting events, the highlight being the country-wide celebration of the 76th Independence Day on 15th August 2022 at the HQ and all the NIELIT Centres.

Shri Rajeev Chandrasekhar Hon'ble Minister of State, Ministry of Electronics and Information Technology and Ministry of Skill Development and Entrepreneurship interacted with the Directors during the 22nd Directors meet held in August at NIELIT Calicut and exhorted NIELIT to focus on becoming a facilitator/Skill Enabler of Trillion Dollar Digital Economy of India.

Sh. Alkesh Kumar Sharma, Secretary, MeitY chaired the 21st Management Board Meeting of NIELIT in the Secretary's office, MeitY in July 2022

NIELIT participated in Digital India Week 2022 held in Gandhinagar, Gujarat in July. During the event, NIELIT Calicut signed the Transfer of Technology (ToT) agreement with JDT Bangalore for the Commercialization of an Indigenous Color Doppler Ultrasound scanner in the presence of Shri. Alkesh Kumar Sharma, Secretary, MeitY, Dr. M.M. Tripathi, Director General, NIELIT and other senior officials.

NIELIT also signed MoUs with many important organisations during this quarter. Read on to know more about the exciting activities. We hope that you enjoy this edition of the NIELIT newsletter. Please share your suggestions and feedback at newsletter@nielit.gov.in

NEWS AT A GLANCE

Contents

IMPORTANT EVENTS

Hon'ble Minister of State at NIELIT Calicut

Hon'ble Minister of State, Ministry of Electronics and Information Technology and Ministry of Skill Development and Entrepreneurship, Shri Rajeev Chandrasekhar visited the NIELIT Calicut campus & its facilities.

Hon'ble MoS addressed the Executive Directors, Directors and Director ICs and advised that the focus of NIELIT should be a facilitator/Skill Enabler of Trillion Dollar Digital Economy of India. The Minister highlighted the importance of partnering with industry leaders and Institutions of National Importance like IITs and expressed that the next 2-3 years will be a period of demand-triggered opportunities in Electronics System Design and Manufacturing (ESDM) and wished NIELIT to utilize the opportunity with full potential and re-launch itself to contribute immensely to the nation. Courses and activities should be demand-driven, proper user survey/industry involvement is required for every program and suggested NIELIT make action plans in this direction.

21st Management Board Meeting Held

Sh. Alkesh Kumar Sharma, Secretary, Ministry of Electronics and Information Technology chaired the 21st Management Board Meeting of NIELIT in the Secretary's office, MeitY on 26th July 2022. Dr Jaideep Mishra, Additional Secretary, MeitY, Dr. Madan Mohan Tripathi, Director General, NIELIT, and other senior officials from MeitY & NIELIT attended the meeting. Matters related to Management and Finance were discussed in the meeting.

22nd NIELIT Directors' Meet Held at NIELIT Calicut

The 22nd Directors' Meet of NIELIT was held under the Chairmanship of Dr. Madan Mohan Tripathi, Director General, NIELIT on 29th & 30th August 2022 at NIELIT Calicut. The EDs and Directors of Gorakhpur, Calicut, Aurangabad, Jammu & Srinagar, Kolkata, Guwahati, Shillong, Imphal, Ranchi and Chennai attended the meeting in person. All the Director ICs attended the meeting through virtual mode. Shri Ram Prakash Pandey, Registrar, NIELIT and Shri Shameem Khan, HoD

(CCU&QA) & Additional Director (Finance), NIELIT HQ also attended the meeting as part of the HQ team. Dr. Madan Mohan Tripathi, Director General, NIELIT chaired the meeting. The theme of the meeting was "ROLE OF NIELIT IN MAKING INDIA A TRILLION DOLLAR DIGITAL ECONOMY-Challenges and Solutions to achieve targets & excellence in capacity building to promote Trillion Dollar Digital Opportunities in our economy." Dr. M P Pillai, Executive Director, NIELIT Calicut, welcomed the gathering. The DG invited all members to actively participate and debate on the agenda given the change in the educational scenario and target to achieve the One Crore skilling in the next 05 years. He emphasized the role of NIELIT in facilitating the Government of India's vision of a "Trillion Dollar Digital Economy/Opportunities". Various suggestions came from the members. The registrar reiterated the need to opt for standard procedures.

Director General emphasized that it is the right time to transform NIELIT into a University/Deemed University so that the special skill requirements of the country & abroad could be achieved easily. The move is to bridge the gap between the industry and educational institutions, through innovative special programs which are practical-oriented. He emphasized the need for Cyber Security courses for the masses. ERP solution for the entire NIELIT is also under consideration.

DG reviewed the entire discussion and concluded the session with advice to make action plans and implement all suggestions made. Subsequently, all EDs, Directors & HQ team were taken to various facilities at the NIELIT Calicut campus and interacted with S & T staff of NIELIT Calicut.

After the group photograph & tree plantation, the 22nd meeting of the Directors of NIELIT concluded with thanks to the Chair.

NIELIT Participated in Digital India Week

NIELIT participated in Digital India Week 2022 held in Gandhinagar, Gujarat. Shri Narendra Modi, the Hon'ble Prime Minister of India, inaugurated Digital India Week on 4th July 2022 in the presence of the CM of Gujarat Shri Bhupendra Patel, Hon'ble Minister of Electronics & IT, Shri Ashwini Vaishnaw and Hon'ble Minister of State for Electronics & IT, Shri Rajeev Chandrasekhar and several other dignitaries. More than 120 NIELIT students from across India participated in Digital

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Hon'ble Minister of State for Electronics & IT, Shri Rajeev Chandrasekhar and several other dignitaries. More than 120 NIELIT students from across India participated in Digital India Week (DIW) 2022. NIELIT is looking forward to catalyzing New India's Techade by skilling the youths in emerging technologies.

NIELIT has showcased its stall in the Digital Mela on digital solutions and emerging technologies. The major attraction in NIELIT's stall was a Tyrannosaurus Rex, 3D printed Dinosaur Model. The model was printed using FDM based 3D printer. It is a great example of how 3D printing has developed.

NIELIT has also showcased a Remote Hardware Lab Setup in its pavilion in DIW. With the help of this Remote Hardware lab, students can access the lab from their homes and practice the computer programs while living safely in their homes. Shri Alkesh Kumar Sharma, Secretary, MeitY also visited NIELIT's stall at Digital India Week. Dr. Madan Mohan Tripathi, DG, NIELIT briefed him about the technologies developed by NIELIT, which are showcased in NIELIT's pavilion.

Students from schools of Gujarat visited the NIELIT stall at Digital India Week 2022 & were explained about the Smart Bus System developed by NIELIT Students by which bus location can be tracked & also seat location of the buses can be checked through the Mobile app.

NIELIT Calicut Recognized as a Scientific and Industrial Research Organisation

The Department of Scientific and Industrial Research (DISR), Government of India is the nodal government department for granting recognition to non-commercial Scientific & Industrial Research Organisations (SIROs). NIELIT Calicut has been recognized by DISR as a Scientific and Industrial Research Organisation.

Inclusion of NIELIT Courses in the Course Curriculum of J&K BOSE from class 6th to 12th

The Shri Manoj Sinha, Hon'ble Lieutenant Governor of J&K, UT inaugurated the "Inclusion of NIELIT courses in the course curriculum of J&K Board of School Education from class 6th to 12th on 10th August 2022 at Sher-i-Kashmir International Convention Centre (SKICC), Srinagar for 200 Schools. J&K is the first UT to introduce skill education from class 6th onwards. This project is targeting over 10,000 government schools in the UT of J&K, skilling more than 6 lakh students per year.

Visit of Hon'ble Secretary, MeitY, Sh. Alkesh Kumar Sharma to NIELIT Jammu

The Hon'ble Secretary, MeitY, Sh. Alkesh Kumar Sharma and Director General, NIELIT, Dr. Madan Mohan Tripathi visited NIELIT Jammu Centre on 18th August 2022 for the rollout of NIELIT courses in the course curriculum of J&K Board of School Education from class 6th to 12th and also launch the Hindi version of the online content for NIELIT CCC (Course on Computer Concepts).


Dr. Madan Mohan Tripathi, DG, NIELIT also chaired a meeting on 20th August 2022 to review the activities of Jammu Centre. He interacted with every staff member and motivated them to work with the new technologies.

CONFERENCES/ WORKSHOPS

Webinar on "Industrial Training in Emerging Technologies"

A webinar on "Industrial Training in Emerging Technologies" was conducted on 9th July 2022 for 60 students and faculty of different engineering streams of Chandigarh College of Engineering, Chandigarh. CCET, Chandigarh. Ms. Anita Budhiraja, JD and Dr. Sarwan Singh, DD conducted the workshop.
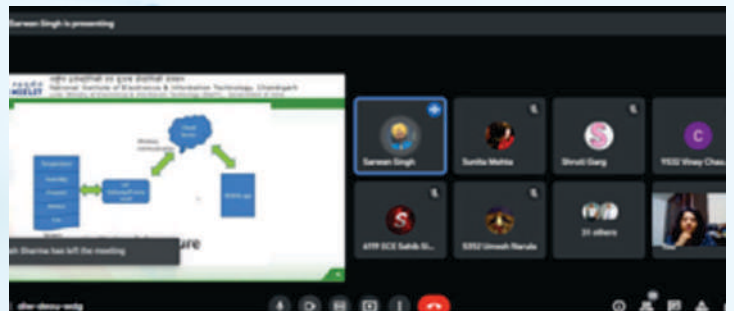
Webinar on "Power of Augmented and Virtual Reality in Enabling Sustainable Development"

A webinar on "Power of Augmented and Virtual Reality in Enabling Sustainable Development" was conducted on 27th September 2022 by Dr Sarwan Singh, DD.
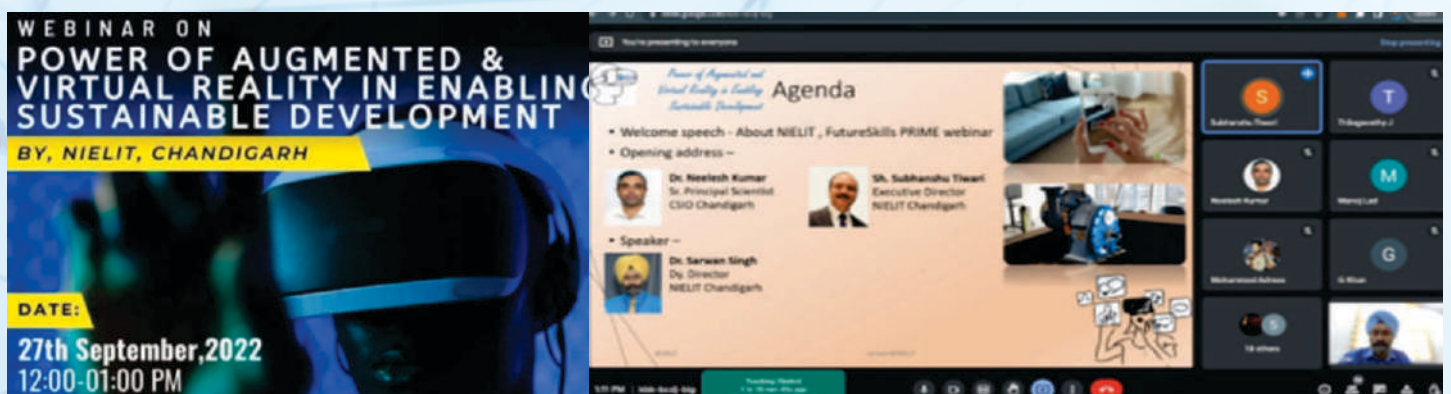
Cyber Security Workshop at Kalindi College, Delhi University

NIELIT Delhi conducted a one-day Cyber Security Workshop under Cyber Jagrookta Diwas at Kalindi College, the University of Delhi on 30th August 2022. During this workshop, participants were sensitized on safeguarding against Cyber fraud and Cyber Crimes. More than 85 students and staff of Kalindi College attended the workshop. Ms Swapnali Naik, Scientist 'D' and Piyush Jain, Deputy Director from NIELIT Delhi centre delivered the sessions during the workshop. The workshop as inaugurated by Principal Prof. Ms. Anula Maurya and NIELIT Officials.

Startup Sensitisation Webinar Series

NIELIT Guwahati is conducting a Startup Sensitisation webinar series and the first online workshop "Start your Startup" was organised on 29th July 2022. Participants from different NIELIT centres and various engineering colleges in Assam attended the webinar. Sh Arihant Kothari, Deputy Manager, 10000startups initiative of NASSCOM was the resource person. The webinar was co-hosted by the Central Institute of Technology (Govt. of India), Kokrajhar.

Webinar on Future Skill Orientation

A webinar on the topic "Future Skill Orientation and College to Employment Roadmap" was conducted on 7th July 2022 under the Industrial Orientation Mentorship Program at NIELIT Srinagar. Sh. Deepak Wasan, Executive Director, NIELIT J&K gave the introductory speech. The main aim of the program was to make the youth of J&K aware of the importance of learning emerging technologies and the impact they will have on their employability.

Nearly 130 participants from Govt. Degree college, Kulgam and SSM Engineering college attended the program in offline mode and nearly 100 participants joined online.

There were lectures on:

Artificial Intelligence and Machine Learning (by Sh. Nisar Bukhari (Scientist-C), Block chain Technology (by Sh. Ashaq Hussain Dar-OIC/Scientist-D) and College to Employment Roadmap (by Sh. Younis Asad, Director Elite-SR)

NIELIT Participated in the HT Education Summit 2022

NIELIT participated in the Hindustan Times Education Summit 2022 held on 24th August 2022 in New Delhi. Dr. Y. Jayanta Singh, Director, NIELIT Guwahati & Shillong along with other officials from NIELIT attended the Summit. The summit aimed to bring together policy makers, thought leaders, educationalists, bureaucrats and experts to envisage a vision-oriented learning system that will propel tomorrow's leaders to greater heights.

All India Conference on Training of Master Trainers for Agricultural Census

Hon'ble Agriculture Minister, Shri Narendra Singh Tomar on 28th July 2022 launched the 11th Agricultural Census and Web Portal & Mobile Apps developed by NIELIT Kolkata for the data collection on various parameters such as the number and area of operational holdings, their size, class-wise distribution, land use, tenancy and cropping pattern, etc and will enable the creation of a database of operational holdings in the country.

Subsequently, an all-India conference on the Training of Master Trainers was organized by the Department of Agriculture & Farmers Welfare (DA&FW), GoI on 10th August 2022 at NASC Complex, PUSA, New Delhi. 107 senior officials of all States/UTs participated in the programme.

Shri V. Krishnamurthy, Executive Director of NIELIT Kolkata chaired one session and also gave an overview of the NIELIT activities and the project in his speech. Shri Goutam Saha, Scientist-E and Chief Coordinator of the Agriculture Census Project delivered a presentation on the operation of the software and highlighted its special features. Shri Saha and his team also provided hands-on training on Apps to the participants.

विश्व युवा कौशल दिवस

विश्व युवा कौशल दिवस पर दशरथ मांझी श्रम एवं नियोजन अध्ययन संस्थान, पटना में आयोजित राज्यस्तरीय उद्घाटन समारोह में श्रम संसाधन मंत्री जिवेश कुमार के साथ नाईलेट पटना के निदेशक डॉ. डीके मिश्रा मौजूद रहे।

CORPORATE TRAINING/ FDPs

Residential Training Program for 20 CEPTAM DRDO Officials

A specialized one-week Training program in the area of PCB Design, Fabrication and Testing was conducted by NIELIT Aurangabad for 20 technical Officers of the Defense Research and Development Organisation (DRDO) Centre for Personnel Talent Management CEPTAM from 22nd to 26th August 2022. During the skilling program, practical sessions were conducted on multiple aspects of Circuit Designing through CAD software, complete cycle of Fabrication using high-end machines like CNC Milling and Drilling, Through Hole Plating, Film developing, Etching, Stripping and UV Exposure. Sessions on Electronic Circuit Simulation were also conducted. Shri. Saurabh Kesari, Scientist'C' was the co-ordinator of the training program. In the valedictory function, Dr. Sanjeev Kumar Gupta, ED distributed the certificates to the participants.

Training Program for Personnel of Indian Army

NIELIT Aurangabad in collaboration with NIELIT Kolkata and NIELIT Daman is conducting a training program in "Cyber Security and Social Media Analyst" for the Personnel of the Indian Army at Army Training College and Centre, Pachmarhi, Madhya Pradesh from 30th August to 19th October 2022. The training program was inaugurated by Brigadier VK Bhat, Commandant, Army Training College and Centre, Pachmarhi, MP. Shri Bhaskar Banarjee, Scientist -D from NIELIT Kolkata and Shri Yogesh Kumar, Scientist -B from NIELIT Aurangabad attended the inaugural ceremony.

FDP on "Artificial Intelligence and Machine Learning"

A Faculty Development Programme was organised on "Artificial Intelligence and Machine Learning" which commenced on 8th August 2022. The workshop provided hands-on experience with AI applications.
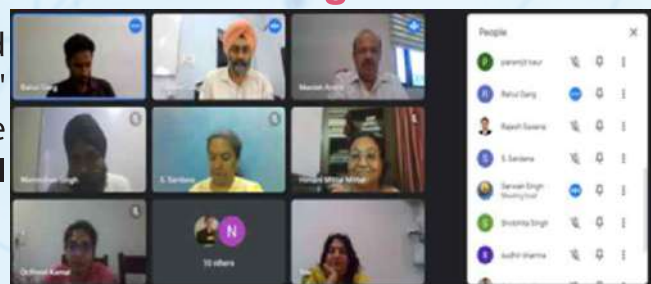
Training Program for CEPTAM-DRDO Officials

Five days of full-day training in "Embedded System Design and Application" for 17 participants of CEPTAM-DRDO was conducted in August 2022. Dr. Sarwan Singh DD(S) and Mr. Prakash Pratik STA trained the participants. Mrs. Sunita Goyle Director of NIELIT Chandigarh gave certificates to participants in the Valedictory conducted on 12th August 2022.

IT Training for DGR Officials

Training on NIELIT 'O' Level Course conducted for Directorate General of Resettlement officials concluded in August 2022 having 45 participants. Brig. L.K Bhardwaj, VSM (ADG-DGR), Sh. Subhanshu Tiwari. ED NIELIT Chandigarh, Dr. Manish Arora, AD NIELIT Chandigarh graced the valedictory function and awarded the certificates to the participants.

Training for DRDO Officials in AI & ML

NIELIT Chandigarh at its Ropar campus conducted, one-month full-day training in "Artificial Intelligence and Machine Learning" in joint certification with IIT Ropar. Sh Subhanshu Tiwari, ED, NIELIT Chandigarh, Dr Somdev Kar, Ass. Professor, IIT Ropar and Dr Manish Arora addressed the officials and distributed the certificates to the participants.

Two Weeks course in "Advanced Java"

A two weeks course in "Advanced Java" was conducted for 10 Engineers and technical officers of Rail Coach Factory in online mode. Sh Amit Jain, JD handled the sessions from 29th August to 23rd September 2022.

Training of Trainers Program for BSF

NIELIT Chennai conducted a training program for Boarder Security Force (BSF) Delhi about the administration and management modules of Moodle LMS Platform used for providing training to BSF Officials. This Training of Trainers Program was conducted from 10th to 12th August 2022 and covered modules of the LMS Platform such as LMS Administration, Teacher Module, Activities – File, Quiz etc.
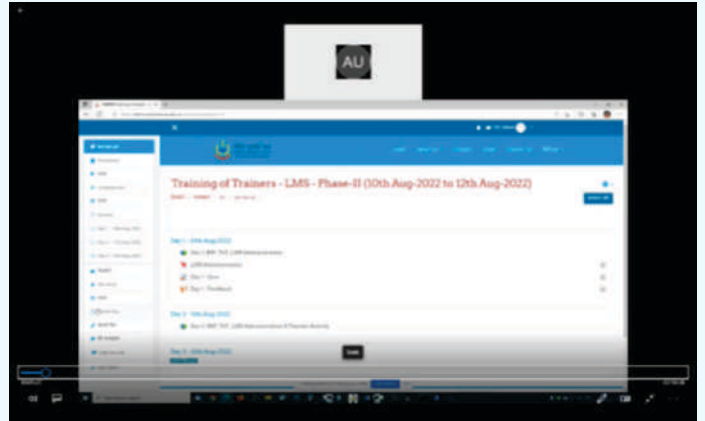
DGR 'O' Level Course Started

The fifth batch of the DGR "O" Level Course started in offline/Blended mode on 20th August 2022 with 43 participants. Dr Pratap Kumar S, Director, NIELIT Chennai, Sh Shoukath Cherukat, Scientist E & Group Coordinator and Dr. Sanjeev Kumar Jha, JD(T) & Course Coordinator, were present.

FDP on AI for staff of North-East Region

NIELIT Delhi Centre and NIELIT Kohima Centre jointly conducted a one-week Faculty Development Programme (FDP) on Artificial Intelligence for the staff of North-eastern region under NECB 2.0 project. Dr. M.M Tripathi, Director General, NIELIT inaugurated the FDP on 12th September 2022 in presence of Mr. L. Lanuwabang, Director- In-Charge, NIELIT Kohima. Ms. Swapnali Naik, Scientist 'D' from NIELIT Delhi Centre was the resource person for the training. The training was conducted at NIELIT, Kohima and the officials from NIELIT centres of Itanagar, Aizawl, Imphal, Guwahati, Kohima, Shillong, Agartala and Gangtok attended the training programme. Ms. Sheetal Chopra, Director In-Charge, Delhi Centre distributed the certificates in the closing ceremony held on 16th September 22.
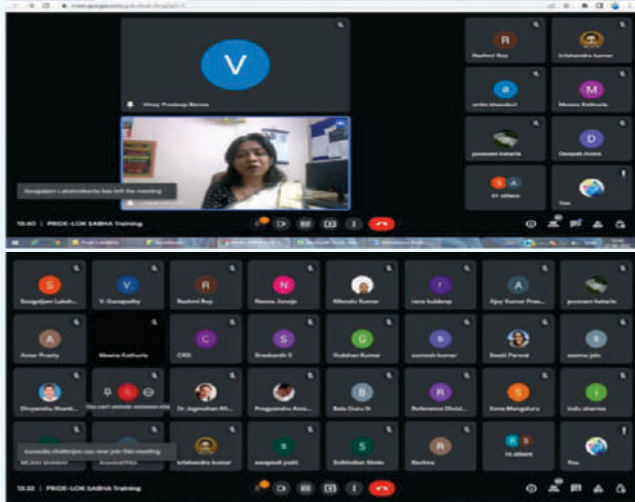

Corporate Training for Officials of Lok Sabha Secretariat

NIELIT Delhi Centre conducted 05 days of offline training for newly appointed clerk-cum-typists in Loksabha Secretariat, New Delhi from 29th August to 2nd September 2022 on MS Office. A total of 26 officials attended this training. Sh. Lalkithang Director PRIDE (Lok Sabha), inaugurated the training.

Online Corporate Training for 1000 Employees of Lok Sabha Secretariat

NIELIT Delhi Centre has begun the 5-day online training programme in computer literacy targeting approximately 1000 officials of Lok Sabha Secretariat. The training through online lectures, demonstrations, practical and other methods to imbibe the skills in spreadsheet management and working with presentations will be imparted in 13 batches over 3 months in the IT area to make the officers skilled in the use of a computer. The program aims to impart training to LSS officers. The first batch of this training programme started in August 2022 and to date over 400 officers have been trained in 7 batches.

DGR-sponsored Training Programs at Delhi Centre

NIELIT Delhi Centre has completed **NIELIT CHM 'O' Level (NSQF Level-4)** for JCOs/ORs of Directorate General Resettlement (DGR) in July 2022. A total of 46 officials of the Indian Army, Navy and Air Force participated in the training Ms. Sheetal Chopra, Director-In charge awarded Certificates to all officials and felicitated them for their successful completion of training.

NIELIT Delhi Centre has completed NIELIT 'O' Level (NSQF Level-5) for JCOs/ORs. A total of 40 officials of the Indian Army, Navy and Air Force participated in the training.

The valedictory programme was conducted on 26th August 2022. Sh. H S Gadhok, Director, Training DGR was the guest of Honor for the program. Director DGR appreciated the efforts of NIELIT for the training of Defence personnel across India. He congratulated the participants on the successful completion of the course and encouraged them for early resettlement by skills upgradation through NIELIT courses. Sh. R P Pandey, Registrar NIELIT and Sh. Alok Tripathi, Chief Controller of Examination were present.

Ms. Sheetal Chopra, Director-In charge, NIELIT Delhi Centre along with Director Training DGR, Sh. H.S. Gadhok awarded Certificates to all officials and felicitated them for their successful completion of training.

NIELIT Delhi Centre has completed the **CERTIFIED MULTIMEDIA DEVELOPER COURSE (NSQF Level-4)** for JCOs/ORs of the Directorate General Resettlement (DGR). A total of 38 officials of Indian Army, Navy and Air Force participated in the training and learned multimedia software like Adobe Photoshop, Adobe Indesign, Adobe Dreamweaver, Adobe Illustrator, etc.

FDP in Data Science & its Applications

One week of the Faculty Development Programme in **DATA SCIENCE & ITS APPLICATIONS** was conducted for faculty members of 8 NIELIT centres in NE Region during 19th to 23rd September 2022 at NIELIT Guwahati. A team of 12 experts, including Dr Neha Sharma, consultant TCS, Dr Amol Goje, President, Society for Data Science, Pune and other experts from VIIT Pune, Manipal University Jaipur, P.E.S.'s College, Pune, NIT, Patna, Doongursee College, Mumbai,

Faculty Development Programme conducted by NIELIT Guwahati under NECB 2.0 In DATA SCIENCE & ITS APPLICATION

Cognizant, Pune, SCTIMST, Trivandrum etc delivered the sessions. The Valedictory session was presided over by Dr. M. M. Tripathi, DG NIELIT.

International Faculty Development Programme in Bioinformatics

Director General (DG), NIELIT inaugurated the International Faculty Development Programme on BIOINFORMATICS

NIELIT Guwahati in collaboration with Bioakademy & Dept. of Botany, Guwahati University organised an International Faculty Development Programme in Bioinformatics: tools, techniques & applications from 22nd to 27th August, 2022 though virtual mode. Dr. M. M. Tripathi, DG, NIELIT inaugurated the FDP on 22nd August 2022. The FDP was attended by 40 participants from 6 countries viz. India, Taiwan, Australia, Yemen, Poland & Czech Republic.

IT & Cyber Security Training to Defence Personnel at AEC Pachmarhi

A 10-day training programme on IT and Cyber Security was conducted by NIELIT Kolkata for the Defence personnel at AEC Pachmarhi from 30th August to 8th September 2022. The resource persons were Shri Bhaskar Banerjee, Scientist-D, Dr. Kalyan Baital, Scientist-D and Shri Mithun Kumar Roy, STO. There were 40 participants and the program was well appreciated by them.

IT Training for Bihar Police Officers

I.T. training of 2277 Police Sub-Inspector probationers started on 11ᵗʰ July 2022 at Bihar Police Academy, Rajgir by the NIELIT Patna team. Dr. D. K. Mishra, Director-In charge of NIELIT Patna, visited Bihar Police Academy, Rajgir on 19th July 2022 and interacted with Sub-Inspectors (SI) during the training.

Awareness Training on Cyber Forensics Organized for BSF

NIELIT Shillong organized a one-day awareness program on Cyber Forensics for the Border Security Force (BSF) Under the project "Development of Cyber Forensic Training cum Investigation Labs in the NE States and Cloud-based centralized CF Lab Infrastructures" sponsored by MeitY.

The inaugural session was held at BSF FTQ HQ, Meghalaya, Shillong. Sh. M.A Joyee, DIG, BSF FTQ Meghalaya gave the welcome address. A total of 58 officials were present in the training.

Awareness Training on Cyber Forensics for Meghalaya Police

NIELIT Shillong successfully organized an Awareness training program on Cyber Forensics for Meghalaya Police Cadres at 1ˢᵗ MLP Bn, Mawiong on 10ᵗʰ & 17ᵗʰ September 2022. A total of 170 Meghalaya Police personnel attended the training in two batches.

CHM 'O' Level Course Sponsored by DGR

NIELIT Patna completed CHM 'O' Level course, under Resettlement Training Programme for JCOs/ORs sponsored by DGR, Department of Ex-Servicemen, Ministry of Defence, Govt. of India. The duration of the course was from 21ˢᵗ March to 05ᵗʰ August 2022.

NIELIT Digital Literacy Courses for School Children

The Lakshadweep administration has approved the proposal of NIELIT Calicut to introduce Digital Literacy Courses ACC, BCC & CCC and NIELIT O level from grade 6th onwards as part of New Education Policy 2020. The implementation for 6th to 10th grade is scheduled to start this academic year.

## NIELIT Chandigarh launched Formal Courses

NIELIT Chandigarh launched formal courses at its Ropar campus. The degrees in BCA, PGDCA and BSc (Honours in Computer Science) affiliated with Punjabi University started in August 2022.

New Courses in Cloud Computing Launched

NIELIT Chennai has started NSQF-aligned Certified Cloud Computing Engineer (Level 5) in online mode on 09th September 2022. Dr. Munivel. E, Scientist D is the key resource person The Course covers the implementation and administration of cloud-based Services along with infrastructure management and security practices. Over 50 candidates are participating in the program.

Blockchain Development Course Started

The first batch of the Foundation in Blockchain Development course was started at NIELIT Chennai on 20th August 2022. Dr Sanjeev Kumar Jha, JD (Technical) is the key resource person. A total of 36 Candidates have attended the course.
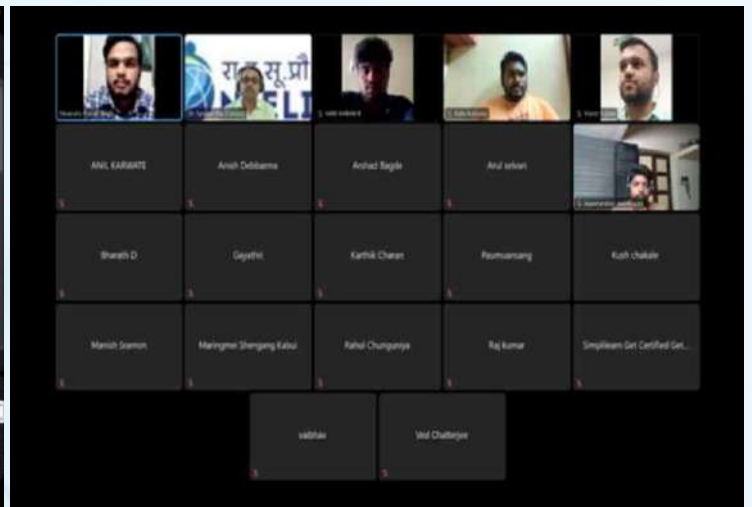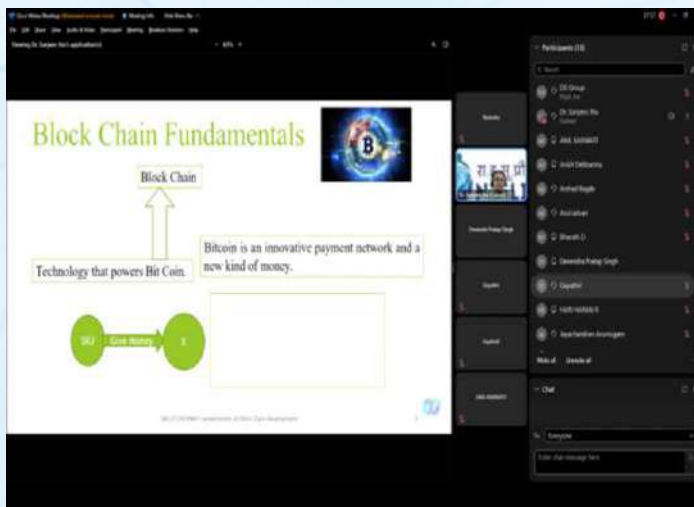
PG Course in Embedded Systems

NIELIT Chennai started the 4th batch of the Certified Embedded Software Engineer Course [NSQF Level 7] in Online-Blended mode on 5th September, 2022. Shri Shoukath Cherukat, Scientist 'E' & Group Coordinator and Ishant Kumar Bajpai, Scientist C are the key resource persons. 52 students are attending the current batch and will get hands-on exposure to ARM Cortex-M programming and interface, Linux, RTOS, Device Drivers, IoT & Data Analytics.

Training conducted for COPA Course

NIELIT Delhi Centre has conducted a COPA course (1600Hrs) for 48 Divyang Officers / Officials of BSF and other Para Military Forces at BSF Camp, Chhawla.

Ms. Sheetal Chopra, Director-In charge, NIELIT Delhi Centre was the Guest of Honour in the Convocation Ceremony held on 17th September 2022. Efforts of training team NIELIT Delhi leading to 100% pass percentage were highly appreciated by all the participants and Senior Level Officers of BSF.

Training Programme on "Blockchain Technology" under FutureSkills PRIME

A five-day training program on "Blockchain Technology" under the FutureSkills Prime project was conducted from 4th to 8th July 2022 at NIELIT Srinagar for the faculty members and officials of Central University of Kashmir. The Hon'ble Vice-Chancellor of CUK inaugurated the programme at the Central University of Kashmir, Tulmulla Campus, Ganderbal. Thirty-nine (39) participants (assistant

professors and other officials) from various departments of the university participated in the programme. The programme falls under the ambit of the MOU signed on 10th May 2022 between NIELIT J&K and Central University of Kashmir.

Introduction of Master of Science (Electronics)

As a first in the region, NIELIT Aizawl launched the M.Sc (Electronics) in Mizoram. The inauguration program was graced by the Hon'ble Minister, ICT Department, Government of Mizoram, Shri Robert Romawia Royte. M.Sc (Electronics) and the course is affiliated with the School of Physical Sciences, Mizoram University.

SUMMER TRAINING / INTERNSHIPS

Joint Certification with IIT Ropar

Six months of industrial training in Artificial Intelligence and Machine Learning in joint certification with IIT Ropar commenced on 11th July 2022 in blended mode. Some of the lectures were conducted in offline mode on the IIT Ropar campus by IIT Professors.

Summer Training in Python with Data Science, Machine Learning, Ethical hacking, Web Designing, Internet of Things and Big Data Analytics commenced in July

Internship Program for Women, SC, ST and EWS Candidates

NIELIT Ropar started Internship Program for Women, SC, ST and EWS candidates in September 2022 under a Work Based Learning Scheme of Meity. Four students are undergoing internships in technologies like Artificial Intelligence, Machine Learning, Data Science, Blockchain, and IoT.

Internship Program at NIELIT Chennai

40 students of 'Government Engineering College, Bargur' have completed a one-month internship in 'IoT Data Analytics' at NIELIT Chennai. The internship program was started on 4th July 2022 and was coordinated by Mr. Ishant Kumar Bajpai, Scientist 'C'. The program covered python programming in detail and its implementation on raspberry pi platform for IoT cloud applications.

Industrial Training in Collaboration with IIT Jammu

NIELIT Jammu in collaboration with IIT Jammu conducted industrial training on Python for Data Science and Machine Learning for 16 candidates. The 6-week program started on 25th July, 2022. Concepts of Python programming and fundamentals of data structures were discussed in detail. Hands-on sessions were conducted on data science libraries like NumPy and Pandas, data analysis, data cleaning techniques, and data visualization. The concept of machine learning, its models, and the implementation of its algorithms were also covered in detail.

Training on "Repair and Maintenance of Medical Electronics Equipment"

Two weeks summer training program on "Repair and Maintenance of Medical Electronics Equipment" started at NIELIT Shillong on 18th July 2022. A total of 15 students from Biomedical Engineering, Nehu and Medical Electronics from Tura Polytechnic attended the training program.

Awareness Programme on Cyber Security and Emerging Technologies

NIELIT Guwahati Dibrugarh Extension centre conducted an awareness workshop on "Cyber Security and Emerging technologies" for the students of Gogamukh College, Dhemaji, Assam. Dr. Ranoj Pegu. Hon'ble Minister of Education, Govt. of Assam interacted with the students and staff from NIELIT during the day-long programme attended by around 250 students of the college.

Industrial Training on IoT, Blockchain & ML

NIELIT Guwahati conducted Project based industrial training on Internet of Things, Blockchain & ML using Python from 20th July to 20th August 2022 for the students of the Central Institute of Technology (CIT), Kokrajhar, a centrally Funded Institute under the Ministry of Human Resource Development, Government of India. Many experts from industries and academia delivered the sessions during the training programme.

CAPACITY BUILDING PROJECTS

Awareness Campaign and Training Program Under NECB 2.0

NIELIT Aizwal conducted multiple awareness campaigns and training programs under the aegis of NECB 2.0 throughout the state of Mizoram. A total of 10208 persons of different categories were trained by the end of September 2022.

Capacity-Building Programs for SC/ST/EWS(Women) Youths

NIELIT Chennai is implementing capacity-building projects funded by various ministries. These programs have SC/ST/EWS(Women) youths as a target audience and cover high-end technical programs as well as skill-oriented courses.

Training in 'Certified Embedded Software Engineer (NSQF 7)', 'PG Program in Data Engineering (NSQF Level 6), and 'Certified Cloud Computing Engineer (NSQF Level 5)' is being imparted to 120 SC/ST youth in the 2nd year of the MeitY project titled "Employment/Self-employment Capacity building of the Engineering pass-out students belonging to Scheduled Caste/Scheduled Tribe community" in Andhra Pradesh and the Telangana States . 4 Lab Training Partners (LTPs) are identified in Andhra Pradesh and Telangana for the candidates who could not afford PCs and internet connection and also for lab support for the embedded course.

''Skill Development of youths in Aspirational Districts in area of IECT leading to enhancement in Employability" is implemented in Ramanathapuram and Virudhanagar Districts of Tamil Nadu State. About 300 SC/ST/EWS (women) candidates are undergoing training in the NSQF Aligned courses 'Certificate course in data entry and office automation', 'Diploma in installation and repair of consumer electronics products', 'Advance diploma in computer application accounting and publishing', and 'Solar-LED lighting product (Design and manufacturing)' through training partners.

Webinar on 3D Printing for Dental Applications Under Future Skills Prime Project

A webinar on 3D Printing for Dental Applications was organized on 30th September 2022 by NIELIT Aurangabad under the FutureSkills PRIME Project. Mr. Sharad Kakade, Co-Founder Director, Engitrek LLP, Mumbai was the resource person. Mr. Balasaheb Sorte, STO was the Co-ordinator.

Designing and Modelling of IoT, AI & ML Systems

A 5-day virtual workshop was organized by the All India Council for Technical Education (AICTE), Arm Education, and STMicroelectronics, with support from Microsoft and NIELIT Calicut.

In this 5-day virtual workshop, faculty members and nominated students learnt about IoT and ML technologies, starting from the fundamentals up to the latest innovations including demonstrations of real-life use cases. After the virtual workshop, faculty members and up to 4 nominated students, who have participated, are eligible to enrol in the "The Inventors Challenge" as a team where they can submit ideas on creating the IoT products of the future. The short-listed teams will receive an STM32 board for creating the prototype.

17500 Candidates Registered under NCPUL

NIELIT Chandigarh registered around 17500 fresh candidates under the NCPUL (National Council for Promotion of Urdu Language) for a one-year "Certificate course in Computer Applications, Business Accounting and Multilingual DTP (CABA-MDTP)" and also conducted the examination of 28900 candidates under the said course. The course is designed for the transformation of Urdu speakers into productive human resources and making them part of the employable technological work force in the emerging Information Technology scenario and penetration of computer education to grass root level.

Counselling Project of Chandigarh Administration

The fully online and paperless Counselling Project of the UT Education Department, Chandigarh was conducted in July-September, 2022 by the NIELIT Chandigarh team headed by Dr Manish Arora. 19724 students applied in the first round of counselling and 8752 students applied for the second round of counselling. Students were given admission to 40 government schools in Chandigarh in 10+1.

Women's Training at the Assam Women's University

NIELIT Jorhat Extension Centre (EC) organised "Awareness on Use of Mobile Applications for Digital Payment, e-Governance Services, IT applications, cyber security" for 300+ women participants of the Assam Women's University (AWU) Jorhat. Prof. Ajanta Borgihain Rajkonwar, Hon'ble, Vice Chancellor of AWU inaugurated the programme on the 30th of August, 2022 in presence of Sri Tapan Kr. Gohain, ACS, Registrar of AWU and officials from NIELIT Jorhat EC & NIELIT Guwahati. This programme was organised under the MeitY, Govt. of India sponsored project, NECB 2.0.

Awareness Program on "Cyber Security and Emerging Technologies"

NIELIT Dibrugarh Extension Centre conducted an awareness program on "Cyber security and Emerging technologies: under NECB2.0 on 25th August 2022 at Moderkhat SRC H.S School, Dibrugarh. The event was coordinated by Ms. Smriti Dutta, STA.

Awareness Program on "Cyber Security and Emerging Technologies"

Majuli Study Centre of NIELIT Guwahati conducted a one-day Awareness program at Karotipar High School, Majuli, Assam, on the 'Cyber security and Emerging technologies'

Training program on "Basics of Web Technologies & Programming Concepts" for School students & Dropouts

NIELIT Kokrajhar Extension Centre jointly with the Dept. of Computer Science, Bodoland University conducted a 6-days training programme on "Basics of Web Technologies & Programming Concepts" as part of NECB2.0 from 24th August 2022. A total of 145 participants attended the event. Prof. L. Ladu Singh, VC of the University, and Dr. Deka, HoD of IT graced the inaugural session.

Computer Training Program under NECB Project 2.0

Computer training programs and awareness programs of 6-days, 3-days and one-day durations were conducted at 9 locations in which a total 732 candidates under various batches were trained under the North East Capacity Building (NECB) Project 2.0 sponsored by MeitY, Govt of India.

NIELIT Itanagar: Kankarnallah Higher Secondary School Model Village, Papum Pare District, Arunachal Pradesh

Tezu Extension Centre of NIELIT Itanagar: Govt. Secondary School Tamlanagar, Tezu, Lohit District, Arunachal Pradesh

3-day training for Women at Tezu, Lohit, Arunachal Pradesh by Tezu Extension Centre of NIELIT Itanagar

ICT Technologies for effective farming and marketing for farmers of Gungu Village, Zote, Itanagar by NIELIT Itanagar Extension Centre

प्रमाण पत्र वितरण समारोह

नाईलिट पटना केंद्र में "मुख्यमंत्री श्रमशक्ति योजना" के अंतर्गत अल्पसंख्यक समुदाय के छात्र एवं छात्राओं के लिए चल रहे I.T. क्षेत्र के विभिन्न पाठ्यक्रमों में सफल अभ्यर्थियों को प्रमाण पत्र का वितरण 19 सितम्बर, 2022 को डॉ. सफीना ए. न., प्रधान सचिव, अल्पसंख्यक कल्याण विभाग, मो. मोइजुद्दीन, प्रबंध निदेशक, बिहार अल्पसंख्यक वित्त निगम, नाईलिट पटना के निदेशक डॉ. धर्मेन्द्र कुमार मिश्रा एवं मनोज कुमार, संयुक्त निदेशक के द्वारा किया गया।

Digital Awareness Program for Senior Citizens

Awareness program conducted for the Elderly in Shillong under NECB 2.0 project at Old Age Home Demthring, Shillong. A total of 33 candidates participated in the program.

INDUSTRY/ACADEMIA COLLABORATION

MoU Signed with IETE

NIELIT has signed a Memorandum of Understanding (MoU) with the Institution of Electronics and Telecommunication Engineers (IETE) to jointly implement Capacity Building Programs in the area of IECT & Emerging Technologies and to utilise each other's resources for research and training activities.

NIELIT Signed an Agreement with NCVET

NIELIT has signed an agreement with NCVET India in the presence of Dr. N. S. Kalsi, Chairperson, NCVET, Dr. Madan Mohan Tripathi, Director General, NIELIT and other senior officials. NIELIT has been recognised by NCVET as its Awarding Body to award certificates to trainees for NCVET-approved qualifications.

ToT Agreement with JDT Bangalore

NIELIT Calicut has signed the Transfer of Technology (ToT) agreement with Jupiter Design Technologies Bangalore on 6th July, 2022, for the Commercialization of an Indigenous Color Doppler Ultrasound scanner in the presence of Shri. Alkesh Kumar Sharma, Secretary, MeitY, Dr. M.M. Tripathi, DG, NIELIT and other senior officials during Digital India Week 2022 held in Gandhinagar, Gujarat.

Industrial Meet 1.0 in Bhubaneswar

NIELIT Bhubaneswar has organized an Industrial Meet 1.0 in OCAC tower office premises on 20th September 2022 where Dr. Madan Mohan Tripathi, Director General, NIELIT presided over the meeting to understand changing paradigms of industry's requirement in bridging skill gap & role of NIELIT/ possible collaborations. In the meeting, many leading industry representatives participated including TCS, CSM, Gemini Consulting etc. During the meeting, the Executive Directors, Directors and the Director in-charges of all NIELIT centres have been connected through video conferencing mode. While addressing the Industry representatives, Dr. Madan Mohan Tripathi emphasized on the need for a strong collaboration between NIELIT, Startups, STPI CoEs, MSME and Industry for creating skilling programs as per the requirement of Industry so that a talent pipeline can be created for Industry.

MoU Signed with Sri Sri University

NIELIT Bhubaneswar Centre signed an MoU with Sri Sri University on 13th July 2022 for Capacity Building, Resource sharing, Joint Certification, Lateral Entry, FDP, Skilling/ Upskilling/ Reskilling, and R&D activities in IECT Areas. Shri Anurag Mathur, Director In-Charge, NIELIT Bhubaneswar and Prof (Dr.) B.R. Sharma, Vice Chancellor, Sri Sri University, Bhubaneswar has signed the MoU.

Signing of MoU between NIELIT Aizawl and MZU

NIELIT Aizawl and Mizoram University (MZU) have signed an MoU for the training of MZU students in IT and Electronics. Shri T Gunendra Singh, Director in charge, NIELIT Aizawl and Prof Lalnundanga, Registrar, MZU signed the MoU on 2nd September 2022. Shri C Zoremsanga, Scientist-D and Shri Lalrempuia Sailo, STO were also present at the events.

NIELIT Delhi Centre signed MoU with Delhi Skill and Entrepreneurship University (DSEU)

NIELIT Delhi Centre signed MoU with Delhi Skill and Entrepreneurship University (DSEU), New Delhi on 29th August 2022 for conducting Advanced Training Programmes and Industrial/ Summer training programs in NIELIT NSQF aligned courses and upcoming technologies for their students. Besides this, NIELIT Delhi shall also conduct Faculty Development Programmes for the faculties of DSEU in niche areas and future skills and assist DSEU in the syllabus designing of their various IT/CS courses.

MoU signed with Central Institute of Technology (CIT) Kokrajhar, Assam

NIELIT Guwahati
Inked MoU for Academic Collaborations with
Central Institute of Technology, Kokrajhar

NIELIT Guwahati & Central Institute of Technology (CIT) Kokrajhar, Govt. of India signed an MoU for conducting joint training, Faculty Development Programmes, R&D and outreach programs. Prof. T.G. Sitharam, Director, IIT Guwahati who is also the Director of CIT, Kokrajhar and Dr Y. Jayanta Singh, Director, NIELIT Guwahati & Shillong signed the MoU at IIT Guwahati premises.

MoU signed with Bodoland University, Kokrajhar, Assam

NIELIT Guwahati signed an MoU with Bodoland University, Kokrajhar, BTR, Govt. of Assam, on 29th June 2022 for conducting Joint Training Programmes, Faculty Development Programmes, Workshops etc.

NIELIT Guwahati Inked MoU for Academic Collaborations with
Bodoland University, Kokrajhar, Assam

Through this MoU, both institutes will collaborate to facilitate the placement of successful candidates on completion of the training programmes. Prof. Laishram Ladu Singh, Vice Chancellor, Bodoland University and Dr Y. Jayanta Singh, Director, NIELIT Guwahati & Shillong signed the MoU.

MoU signed with 06 Colleges in Assam

NIELIT Guwahati signed MoUs with 06 Colleges of Assam viz. J.N.College, Boko Tihu College, Tihu Handique Girls College, Guwahati R.G.Baruah College, Guwahati, BHB College, Sarupeta and Dhamdhama Anchalyik College, Dhamdhama at the premises of NIELIT Guwahati for the better academic collboration and for carrying out joint activities in the emerging fields like Cyber Security, IoT, Blockchain, Bioinformatics, Cloud Computing etc.

NIELIT Guwahati Inked MoU for Academic Collaborations with
Six reputed Colleges of Assam

J.N. College
Handique Girls' College
B.H.B. College
Dhamdhama College
Tihu College
R. G. Baruah College

CSR ACTIVITIES

COVID-19 Booster Vaccination Drive at NIELIT Calicut

A COVID-19 booster vaccination drive was organised at NIELIT Calicut on 16th August 2022. The students and staff members were vaccinated. The drive was conducted by Primary Health Centre, Choolur.

COVID Vaccination Camp at NIELIT Jammu

The COVID Vaccination Camp was organized at NIELIT Jammu in collaboration with the J&K Govt. of Health Services, Jammu on 28th September 2022. The drive was organized for the staff and students of NIELIT Jammu.

STUDENT SECTION

NIELIT students won 1st and 2nd Prizes in IT Hackathon

NIELIT MCA passed out students Alvin K Lalrintluanga and B Lalrodinga won the First and Second Prizes respectively in Mizoram IT Hackathon 2022 jointly organised by Mizoram IT Society (MITS) and Mizoram University (MZU) incubation centre on 1st to 2nd September 2022.

Fresher's Social and Felicitation Function 2022

Fresher's Social and Felicitation Function of NIELIT Aizawl was held on 18th September 2022 at VANAPA Hall, Aizawl. Prof. K.R.S. Sambasiva Rao, Hon'ble Vice Chancellor, Mizoram University graced the events as Chief Guest and also gave an enlightening speech. Shri T. Gunendra Singh, Director-in-charge also graced the function as Guest of Honour.

The function was held to welcome regular fresher students of BCA, MCA, DCSE, DETE and M. Sc (Electronics) and felicitate the students who have graduated.

Orientation Program for First-Year Students of Diploma in Electronics Production & Maintenance (DEPM)

The orientation program for first-year students of the Diploma in Electronics Production & Maintenance (DEPM) was conducted on 26th September 2022 at NIELIT Aurangabad. Dr. Sanjeev Kumar Gupta, Executive Director, NIELIT addressed the students and their parents and explained to them about the facilities, the unique features of the course curriculum and the job prospects of the course. Mr. Sasi Kumar Gera, Dean (Academics), Mr. Vijay Chandola, Joint Director (Finance), and Mr. Chaitanya Kadadas, DEPM Course Co-ordinator were present.

Teachers Day Celebrated

Students organised an event on Teachers Day on 5th September 2022. They performed the dance form of Himachal and Bhangra of Punjab and also sang songs. The teachers got involved in various games organised by students.

Orientation Session for Engineering and Diploma

NIELIT Patna conducted an orientation session for Engineering and Diploma students from Netaji Subhas Institute of Technology (NSIT), Patna. Participants were familiarized with NIELIT Patna activities and how they can be benefitted from Skill development programs running at NIELIT Patna.

INAUGURATIONS & OTHERS

NIELIT Bhubaneswar Centre Inaugurated by DG, NIELIT

Dr. Madan Mohan Tripathi, Director General, NIELIT inaugurated NIELIT Bhubaneswar Centre on 20th September 2022. The other dignitaries present during the inaugural ceremony include Shri V. Krishnamurthy, Executive Director, NIELIT Kolkata, Shri Ram Prakash Pandey, Registrar, NIELIT, Shri Anurag Mathur, Director In-Charge, NIELIT Bhubaneswar etc. Dr. Madan Mohan Tripathi addressed the large gathering of students, training partners & industry representatives and appreciated the support extended by the MeitY and State Government in opening the NIELIT Centre at OCAC Tower, Bhubaneswar. The State Govt. had approved 15 acres of land for the development of a permanent campus in the state. He informed that NIELIT will expand its activities by creating a full-fledged residential campus and also by opening extension centres in various parts of Odisha state to support the vision laid down through IT Policy 2022 of Orissa.

Director General Visited NIELIT Chennai

Dr. Madan Mohan Tripathi, Director General, NIELIT visited NIELIT Chennai Centre on 14th July 2022. During his visit, he reviewed the activities of NIELIT Chennai Centre and interacted with staff and students.

Participation in 9th Indian National Exhibition-Cum-Fair 2022

NIELIT Kolkata participated in the 9th Indian National Exhibition-Cum-Fair 2022 on the theme "Self Reliant India: Sustainable Development" organized by Bengal Human Resource Development Foundation (BHRDF), Kolkata under the aegis of Azadi Ka Amrit Mahotsav during 4th to 8th August 2022 at Kolkata Metropolitan Development Authority Ground, Patuli, Kolkata. The five-day Exhibition-cum-fair witnessed several footfalls of visitors from all walks of life.

Participation in the 25th National Technology Exhibition 2022

NIELIT Kolkata participated in the 25th National Technology Exhibition 2022 on the theme "Self Reliant India: Progress, prosperity and sustainability" organized by Central Calcutta Science & Culture Organisation for Youth, Kolkata from 24th to 27th August 2022 at Central Park Maidan, Salt Lake, Kolkata.

Placement Drive

NIELIT Shillong organized Campus Placement Drive on 02nd August 2022 recruitment was conducted by [24]7.ai. The total number of students who attended is 125 nos.

हिंदी पखवाड़ा कार्यक्रम

हमारे संविधान निर्माताओं ने 14 सितंबर, 1949 को हिन्दी को भारत संघ की राजभाषा के रूप में स्वीकार किया था । इसी उपलक्ष में प्रत्येक वर्ष 14 सितंबर ``हिन्दी दिवस`` के रूप में मनाया जाता है। इसी उद्देश्य से, राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान (मुख्यालय) द्वारा `हिन्दी पखवाड़ा` [14-29, सितंबर, 2022] हिन्दी भाषा के साथ-साथ डिजिटल प्लेटफॉर्म को बढ़ावा दिए जाने के अंतर्गत विभिन्न निर्धारित कार्यक्रमों जैसे; हिन्दी कार्यशाला, हिन्दी कविता पाठ प्रतियोगिता एवं आशु-भाषण प्रतियोगिता आदि के अनुरूप मनाया गया। इन सभी संबंधित कार्यक्रमों में अधिकाधिक संख्या में अधिकारियों एवं कर्मचारियों द्वारा उत्साहपूर्ण ढंग से भाग लिया गया। `हिन्दी पखवाड़ा` के गत दिनांक: 29 सितंबर, 2022 को आयोजित समापन समारोह के दौरान डॉ. मदन मोहन त्रिपाठी, महानिदेशक, नाइलिट द्वारा सभी प्रतियोगिताओं में विजयी प्रतियोगियों को श्रेणीगत नकद पुरस्कार एवं प्रमाणपत्र वितरित किए गए।

हिंदी को बढ़ावा देने और राजभाषा के उपयोग को बढ़ाने के लिए नाइलिट केन्द्रों में भी हिंदी पखवाड़ा मनाया गया।

हिन्दी भाषा को सम्मानित करने के उद्देश्य से नाइलिट शिलांग, चेन्नई, अइज़ोल और कोलकाता में विभिन्न प्रतियोगिताओं में भाग लेने वाले प्रतिभागियों को पुरस्कार वितरित किए गए।

नाइलिट आइजोल ने 19 सितंबर, 2022 को हिंदी गीतों की गायन प्रतियोगिता का आयोजन किया। यह आयोजन एक बड़ी और आनंदमयी सफलता का गवाह है क्योंकि इसमें भाग लेने वाले अधिकांश कर्मचारी जो गैर हिंदी भाषी थे। नाइलिट रोपड़ में पखवाड़ा के दौरान निबंध, हिंदी प्रश्नोतरी, हिंदी अनुवाद जैसी विभिन्न प्रतियोगिताओं का आयोजन गया।

नाइलिट कोलकाता द्वारा आयोजित हिंदी दिवस में श्री वी. कृष्णमूर्ति, कार्यकारी निदेशक ने कार्यक्रम की अध्यक्षता की और उपस्थित श्रोताओं को संबोधित किया और उन्हें हिंदी के क्षेत्र, विकास और लोकप्रियता के बारे में विभिन्न अंतर्दृष्टि से अवगत कराया और हिंदी सीखने के महत्व पर जोर दिया।

'Capture the Bug' Hackathon

"Capture the Bug," an inter-national design verification hackathon to detect bugs in designs and understand de-bugging is underway under the leadership of the National Institute of Electronics and Information Technology (NIELIT) with the participation of Over 2,000 candidates.

The State chapter of the Institution of Electronic and Electrical Engineers- Robotics and Automation Society (IEEE RAS) and the Indian Institute of Technology (IIT) Madras are associated with the event, held under the Chips to Start-up (C2S) programme of the Union government.

The C2S programme aims at propelling innovation, building domestic capacities to ensure hardware sovereignty, and facilitating a semiconductor ecosystem.

Chips to Start-up has given NIELIT, Calicut a mandate to enhance the skills of one lakh candidates in the area in the next four years. The three-week hackathon led by NIELIT, Calicut's Executive Director Dr. M.P. Pillai and Dr. Jayaraj U. Kidavu and R. Nandakumar would groom engineers in VLSI design verification practices by offering them focused training on innovative python-based frameworks.

Quality Monitoring & Quality Assurance by CCU, NIELIT

Shri Shameem Khan, Head, of Central Coordination Unit (CCU) & Quality Assurance (QA) & Additional Director (Finance), NIELIT HQ, visited the NIELIT Centres in Arunachal Pradesh from 21st September 2022 to 23rd September 2022.

During his visit, Shri Khan interacted with the students and staff members of NIELIT Itanagar & its Extension Centres Pasighat &

Tezu. He also inspected the permanent campus building at Pasighat. During the interaction with the students, he urged the students to pursue the NIELIT computer courses seriously and opt for up-skilling training programs. He also urged the staff members to take up more responsibilities for the overall growth of the NIELIT.

INDEPENDENCE DAY CELEBRATED

India Marks 75 years of Independence

NIELIT HQ and Centres celebrated the 76th Independence Day. Dr. Madan Mohan Tripathi, DG, NIELIT hoisted the Indian National Flag at NIELIT Bhawan, New Delhi in the presence of NIELIT staff. Tree Plantation was also carried out by DG, and other NIELIT officials.

Dr. Madan Mohan Tripathi, Director General, NIELIT also interacted with officials of NIELIT HQ and NIELIT Centers across India through video conferencing and discussed the pathway for NIELIT's growth on the auspicious occasion of India's Independence Day.

76th Independence Day Celebration at NIELIT Guwahati and its Extension Centres

"Har Ghar Tiranga" Campaign
NIELIT Guwahati and its Extension Centres in Assam

76th Independence Day Celebration at NIELIT Guwahati and its Extension Centres

Har Ghar Tiranga Campaign

A Cyclathon cum awareness rally was organized by NIELIT HQ on 12th August, 2022, in the area around NIELIT Bhawan. NIELIT staff participated in the cycle rally to spread awareness & motivation to local people regarding the Har Ghar Tiranga Campaign under the aegis of Azadi Ka Amrit Mahotsav.

Sh. Ram Prakash Pandey, Registrar, NIELIT addressed a workshop to encourage NIELIT employees for placing National Flag at their homes as part of the Har Ghar Tiranga Campaign. He also requested NIELIT staff to encourage their family members & neighbours to hoist Tiranga at their homes.

Many NIELIT Centres have also organised awareness rallies in the area around their Centres. NIELIT Patna employees participated in the cycle rally to spread awareness & motivating local people regarding the Har Ghar Tiranga Campaign. National Flag was also distributed by the NIELIT centres to their employees in connection with the Har Ghar Tiranga Campaign. NIELIT HQ and Centres also changed the profile pictures of their official social media handles with the image of our National Flag.

Students of NIELIT Aurangabad attended the "Rashtragaan Event" organized by the District Administration, Aurangabad on 9th August 2022 as part of Azadi Ka Amrit Mahotsav.
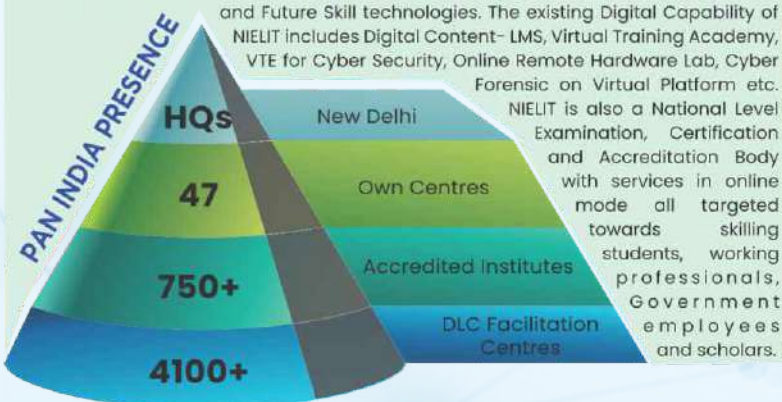
Papers Published

1. Prashant Pal, Shashank Kumar Singh, Pawan Kumar Patel, Shaikh Mubeen Yaqub, Rushikesh Mugdal, Khan Shareque Khalid NIELIT Aurangabad published a paper titled "Arduino Based Bluetooth Controlled Robotic Car" in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 09 Issue: 08 | Aug 2022

2. Rameshwar Bhaginath Kale, Shashank Kumar Singh NIELIT Aurangabad published a paper titled "DIY Ventilator using Arduino with Blood Oxygen Sensing for Covid Pandemic" in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 09 Issue: 07 | July 2022

3. Prashant Pal, Shashank Kumar Singh, Pawan Kumar Patel, Surya Charan Paidipalli V V, Shweta Navgire, Yogini Shinde NIELIT Aurangabad published a paper titled "Arduino Based Green House Monitoring and Parameter Controlling System" in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 09 Issue: 09 | Sep 2022

4. Gupta, S. and Singh, Y.J., 2022. Object Detection Using Peak, Balanced Division Point and Shape Based Features. In International Conference on Data Management, Analytics & Innovation (pp. 17-32). Springer, Singapore.

5. Singh, Y.S., Das, P., Kirani, Y. and Singh, Y.J., 2022. Design Aspects of a Multi-dimensional Hybrid Analytical Processing System. In International Conference on Data Management, Analytics & Innovation (pp. 677-690). Springer, Singapore.

6. Chanda, A., Kalita, S., Mishra, A.K., Changkakoti, L., Sarma, J.B., Biswas, K., Kakati, D., Mohanta, Y.K., Tanti, B., Mahanta, S. and Saravanan, M., 2022. Identification of Concomitant Inhibitors against Glutamine Synthetase and Isocitrate Lyase in Mycobacterium tuberculosis from Natural Sources. BioMed Research International, 2022.

7. Nongbet, A., Mishra, A.K., Mohanta, Y.K., Mahanta, S., Ray, M.K., Khan, M., Baek, K.H. and Chakrabartty, I., 2022. Nanofertilizers: A Smart and Sustainable Attribute to Modern Agriculture. MDPI Plants, 11(19), p.2587.

8. Gupta, D.D., Mahanta, S., Das, S.G., Das, S.K., Paul, D., Tag, H. and Hui, P.K., 2022. Identification of phytocompounds from Paris polyphylla Smith as potential inhibitors against two breast cancer receptors (ERþ and EGFR tyrosine kinase) through chromatographic and In silico approaches. Journal of Applied Biology and Biotechnology, 10(6), pp.60-80.

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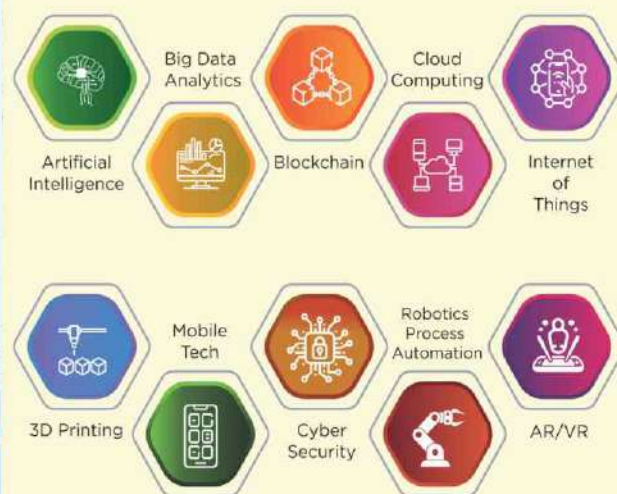
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