HIGH LIGHTS

- NIELIT Calicut participated in the exhibition under MeitY funded projects

- Talk on Computer Aided Drug Discovery

- Training in Future Skills for Govt. Officials

- Observance of National Cyber Security Awareness Month

- NIELIT Calicut bagged DRDO funded Project

- NIELIT Aurangabad Teams Declared Runners-up in Grand Challenge Contest 2021

Message from the **Editor-in-Chief**

Dear Readers,

Wishing you all a wonderful New Year ahead!

We are delighted to present to you the NIELIT Newsletter for the last quarter of 2021. This quarter was special with the celebration of many events. The visit of Honourable Minister of State, MeitY, Shri. Rajeev Chandrasekhar to the NIELIT Calicut stall set up as part of an exhibition of MeitY funded projects to celebrate "Azadi Ka Amrut Mahotsav" was one of the highlights.

Observance of the National Unity Day, the Constitution Day, the Vigilance awareness week, Communal harmony campaign, and Swachh Bharat Abhiyan was done by all the NIELIT centres. In addition to the pledge taking ceremony, many NIELIT centres also organized unique programs like Walkathons, Talks and Webinars as part of these events.

Another significant achievement that the entire NIELIT family can be proud of is in the R&D front. NIELIT Calicut received approval from the MeitY for setting up a SMART Hardware Remote Lab & to carry out Instruction Enhancement Programmes (IEPs) at a budget outlay of Rs 6 Crore and bagged a DRDO R&D project worth Rs 45lakhs.

Thank you for your overwhelming support. We hope that you enjoy this edition of the NIELIT newsletter. Please share your suggestions and feedback at newsletter@nielit.gov.in

Dr. Pratap Kumar S

NEWS AT A **GLANCE**

Contents

Azadi Ka Amrit Mahotsav was celebrated with many activities in this quarter also.

NIELIT Calicut

As part of the Azadi Ka Amrit Mahotsav, NIELIT Calicut also joined to commemorate the monumental occasion, by organising and hosting a set of activities for a resurgent, Aatmanirbhar Bharat. The following activities were conducted during October – December 2021.

NIELIT Calicut Participated in the Exhibition under MeitY Funded Projects

Honourable Minister of State, MeitY Shri Rajeev Chandrasekhar visiting the NIELIT Calicut stall

NIELIT Calicut stall setup to showcase activity on Atmanirbhar Bharat

Honourable Minister of State, MeitY, Shri Rajeev Chandrasekhar visited the NIELIT Calicut stall set up as part of an exhibition of MeitY funded projects to celebrate "Azadi Ka Amrut Mahotsav". Dr. Jayaraj U Kidav, Sc 'D' NIELIT Calicut briefed the MoS about the technologies developed under SMDP-C2SD and Ultrasound Imaging system development projects. The honourable MoS appreciated the indigenization efforts of NIELIT Calicut in Electronics Systems and Integrated Circuits.

## Webinar on Intellectual Property Rights and Engineering Research and Plagiarism

A webinar on Intellectual Property Rights and Plagiarism was conducted as part of the celebration of "Azadi Ka Amrit Mahotsav ", jointly with DPIIT-IPR Chair of CUSAT. Dr. M. P. Pillai, Executive Director, NIELIT Calicut inaugurated the program and the sessions were coordinated by Dr Reena K.K, Senior Library & Information Officer, NIELIT Calicut.

Mr. N. Subramanian (Assistant Manager, CIPAM) handled the session on "Intellectual Property Rights". Intellectual Property Laws, types of patents and the steps for filing patents, copyrights etc were covered.

Mr. Vikrant Rana (Managing Partner, S. S. Rana & Co) spoke on "Engineering Research and Plagiarism. The presentation covered topics such as what is copyright, authorship and ownership. A detailed explanation of Plagiarism, Controversies on the issues of plagiarism, degrees of plagiarism, punishments of plagiarism and methods to avoid plagiarism, types of plagiarism and Antipiracy software.
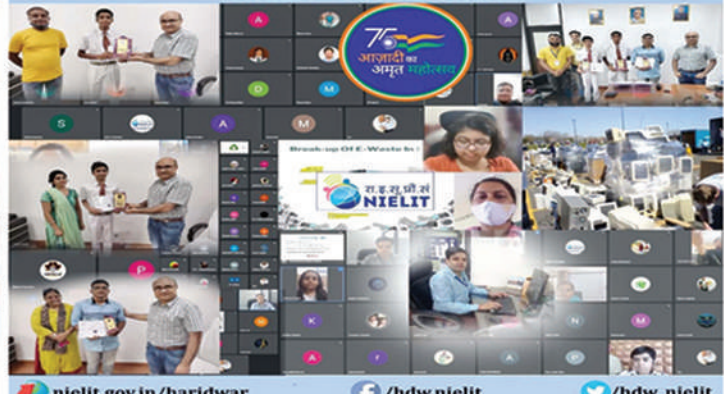
NIELIT Delhi
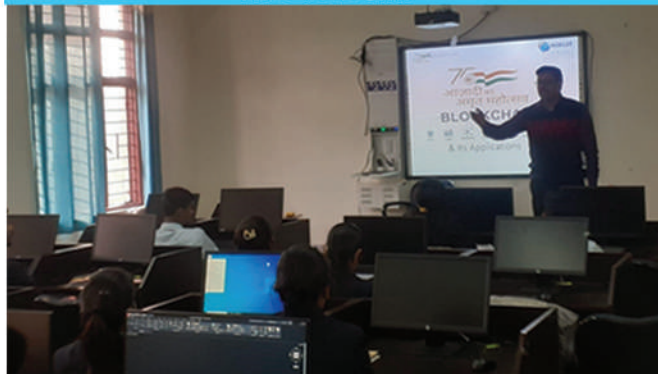
NIELIT Kolkata
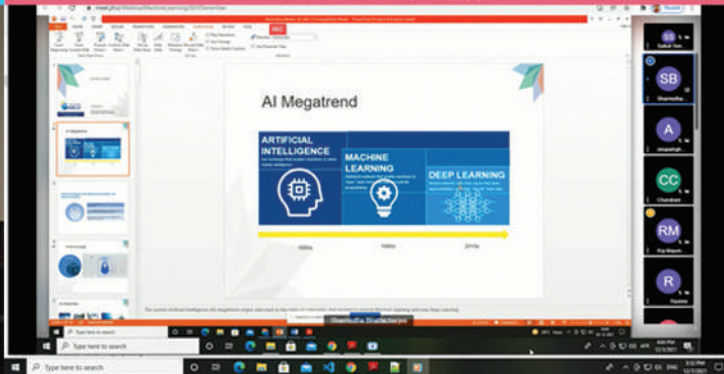
NIELIT Chandigarh

NIELIT Delhi

NIELIT Ajmer

NIELIT HARIDWAR

Lecture on Blockchain Technology

Celebrating the "Azadi Ka Amrit Mahotsav", a lecture on Blockchain Technology was conducted by NIELIT Patna team on 2nd December, 2021. Around 50 students of NSIT Engineering College, Bihta participated in the event.

Webinar on Awareness on Machine Learning Concepts

NIELIT Kolkata organized a webinar titled "Awareness on Machine Learning Concepts" on 3rd December, 2021. Around 30 participants joined this webinar which aimed to provide an overview of Machine Learning, Deep Learning technologies. Smt. Sharmistha Bhattacharjee, Scientist-D handled the sessions.

Webinar on Cloud Computing

To celebrate Azadi Ka Amrit Mahotsav, NIELIT Delhi Centre conducted a webinar on "Cloud Computing" on 3rd December, 2021. The candidates were made aware about the concept and characteristics of Cloud Computing, Service and Deployment models, applications etc. More than 30 participants attended the Webinar.

NIELIT Chandigarh

As part of the celebrations NIELIT Chandigarh organised 'Rangoli making' and 'Desh Bhakti songs' on 26th November, 2021.

NIELIT Ajmer

Activities at NIELIT Ajmer included Mahatma Gandhi Jayanti Celebration and lecture on solid waste management as per ODF standard to villagers

NIELIT Haridwar

NIELIT Haridwar conducted a series of webinars on "E-Waste Management" for school students in commemoration of Azadi ka Amrit Mahotsav". More than 140 candidates from more than 20 schools of Uttarakhand participated in the event.

Quiz on IT and Cyber Security for the Students of Government Polytechnic":

NIELIT Haridwar conducted a Quiz on IT and Cyber Security for the students of Government Polytechnic and distributed prize to the winners of Quiz competition on "IT and Cyber Security" under "Azadi ka Amrit Mahotsav"

CONFERENCES/ WORKSHOPS

Observance of National Cyber Security Awareness Month (NCSAM)

To increase cyber security awareness among public, private sector and citizens at large the month of October is observed as the National Cyber Security Awareness Month, globally. As part of this, NIELIT HQ has organised a workshop on "Do Your Part. #BeCyberSmart" on 27th October, 2021 through web conferencing for all the employees of NIELIT to sensitize them about the pitfalls of cyber security related threats in the IT/ICT environment and to introduce cyber hygiene aspects and enhance cyber resilience.

Speeches were delivered by Sh. Alok Tripathi, Director-in-Charge, NIELIT Patna, Sh. Jayanta Chakraborty, Scientist E, NIELIT, Kolkata and Sh. Anurag Shah, Controller of Examination, NIELIT HQ.

Awareness Campaign on Cyber Security

NIELIT Aizwal organised Campaign on Cyber Security to the masses to safeguard the public from cyber fraud and all kinds of cyber-attack.

Shri Lalrempuia Sailo, STO and Shri Vanlalhruaia, STO held Live Discussion on Cyber Crime and Security in Mizoram at All India Radio, Aizawl on 23rd October, 2021.

"Cyber Security Awareness & NIELIT Aizawl" program was organized by ZONET, one of the biggest local cable channels in Mizoram on 4th November, 2021.

Shri Lalrempuia Sailo, STO and Shri Chhungpuia Renthlei, TO held Discussion on Cyber Security hosted by Doordarshan Aizawl on 24th November, 2021.

NIELIT Delhi observed NCSAM and for creating awareness amongst its stakeholders organised a series of expert lectures and displayed Banners/posters and Conducted Online Quizzes. Mr. Arif Khan, Technical Officer, NIELIT Delhi Centre, delivered a talk on "Do your part #BeCyberSmart" to the staff/students of the NIELIT Delhi Centre. A seminar on aiming Good Cyber Hygiene was conducted by Mr. Yash Dhingra, Scientist C, CERT-In, MeitY. He shared his rich experiences on enhancing Cyber Security which he gained as a member of the Incident Response Team at CERT-IN.

Workshop on Cyber Security

A workshop on Cyber Security was organised by NIELIT Kohima at Mt. Olive College to commemorate National Cyber Security Awareness Month on 22nd October, 2021. A total of 204 students, Lecturers and staff attended the workshop. Resource persons from NIELIT Kohima covered various topics on Cyber Security.

Awareness Program on "Tackling Cyber Crime in Digital Space"

NIELIT Kohima conducted a One-day awareness program on "Tackling Cyber Crime in Digital Space" to commemorate National Cyber Security Awareness Month for Investigating Officers of Nagaland Lokayukta Police on 27th October, 2021

Workshop on Cyber Security and Awareness

NIELIT Jammu organized a one-day workshop on Cyber Security and Awareness on 27th October, 2021. Workshop covered all the latest cyber threats, cyber challenges and security measures. The sessions were handled by Sh. Rajneesh Raina, Deputy Director NIELIT Jammu and Sh. Shailnder Krishan Sharma, Principal Technical Officer NIELIT Jammu.

Workshop on Cyber Jagrukta

NIELIT Srinagar organized a talk show on cyber security at Cluster University, Srinagar on 1st December, 2021. Sh. Ashaq Hussain Dar, Joint Director NIELIT Srinagar explained various cyber-attacks and digital attack, different cyber security strategies and defence mechanisms available.

Participation in "Workshop on Cyber Security" Conducted by NIELIT HQs:

NIELIT Haridwar team attended an online "Workshop on Cyber Security" conducted by NIELIT Headquarters in celebration of the "National Cyber Security Awareness Month (NCSAM) October, 2021".

Webinar under Future Skill Orientation and Mentorship Program

A Series of Webinars were conducted by NIELIT J&K on Blockchain Technology, Cyber Crime and Cyber Forensics on 26th November, 2021 and on 3rd December, 2021 under Industrial orientation mentorship program. Sh. Deepak Wasan, Executive Director NIELIT J&K addressed the participants. Sh. Asim Khan, Director Software Technology Park of India (STPI), Sh. Masrif Gul Mufti, General Manager (BSNL), Sh. Ashiq Hussain Dar, Joint Director NIELIT Srinagar, Sh. Ummer Iqbal khan Deputy Director NIELIT Srinagar delivered the expert lectures in their respective fields. The program was broadcasted on YouTube and more than 1000 students of J&K were live on it.

Awareness Training Program on Cyber Forensics

NIELIT, Guwahati in association with CDAC, Kolkata organised an Awareness Training Program on Cyber Forensics for Assam Police personnel. The inaugural offline session was attended by the dignitaries - Sri Hemanta Kr. Das, APS, DCP, (Admin), Guwahati, Prof. Sukumar Nandi, Dept. of CSE, IITG, & PRSG Member, Sri Asok Bandyopadhyay, Associate Director & Project CI CDAC Kolkata, Sri Sourav Mitra, Principal Engineer, CDAC, Kolkata and Dr. Jayanta Singh, Director, NIELIT Guwahati, Rintu Das, Soumya Purkayastha & team NIELIT. The training was conducted under the project titled "Development of Cyber Forensics Training cum Investigation Labs in the North Eastern and cloud based centralised Cyber Forensics Lab Infrastructures", funded by the MeitY, Govt of India, being implemented in eight North Eastern States by NIELIT Kohima & CDAC Kolkata.

Cyber Security Awareness Programme
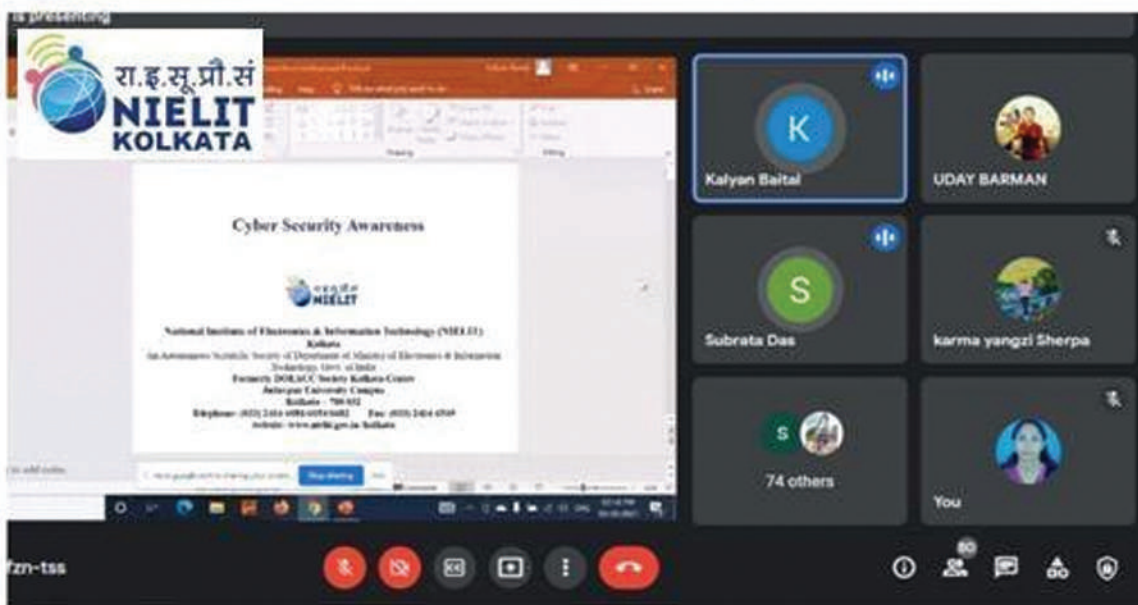
A Cyber Security Awareness programme was conducted on 30th October, 2021 for all the students of MeitY-funded and State-funded Livelihood Projects located at Cooch Behar, Alipurduar and Darjeeling through online mode. Sh. Kalyan Baital, Scientist-C handled the sessions attended by almost 100 students and faculty members. The presentation and security leaflets were distributed to all the participants through Google classroom.

Workshop on 'e-Governance & Information Security Education and Awareness'

NIELIT Patna organised a two-day Workshop on 'e-Governance & Information Security education and Awareness' during 16th-17th December, 2021 for 270 Officers of Patna District Administration. Various e-governance initiatives of Govt. of India, Desktop Security, Mobile Security, Digital Signatures etc were covered.

Workshop on Cyber Security and Ethical Hacking

NIELIT Chandigarh conducted an online workshop on Cyber Security and Ethical Hacking in association with Department of Computer Science and Technology, Manav Rachna University on 30th October, 2021. Sh. Raminder Singh and Sh. Akash Sharan handled the sessions.

Workshop on "Digital Payment and Cyber Security" for the Students and Residents of Remote Village of Uttarakhand


Team of NIELIT Haridwar visited Government Inter College, Mehrawana remote village in the hilly region of Uttarakhand and conducted a workshop on "Digital Payment Awareness and Cyber Security" for the students, teachers, staff of GIC, Mehrawana. Gram Pradhan and the villagers appreciated the initiative.

NIELIT Chennai

NIELIT Chennai has organised a series of webinar between October-November, 2021.

Latest Technologies in Big Data
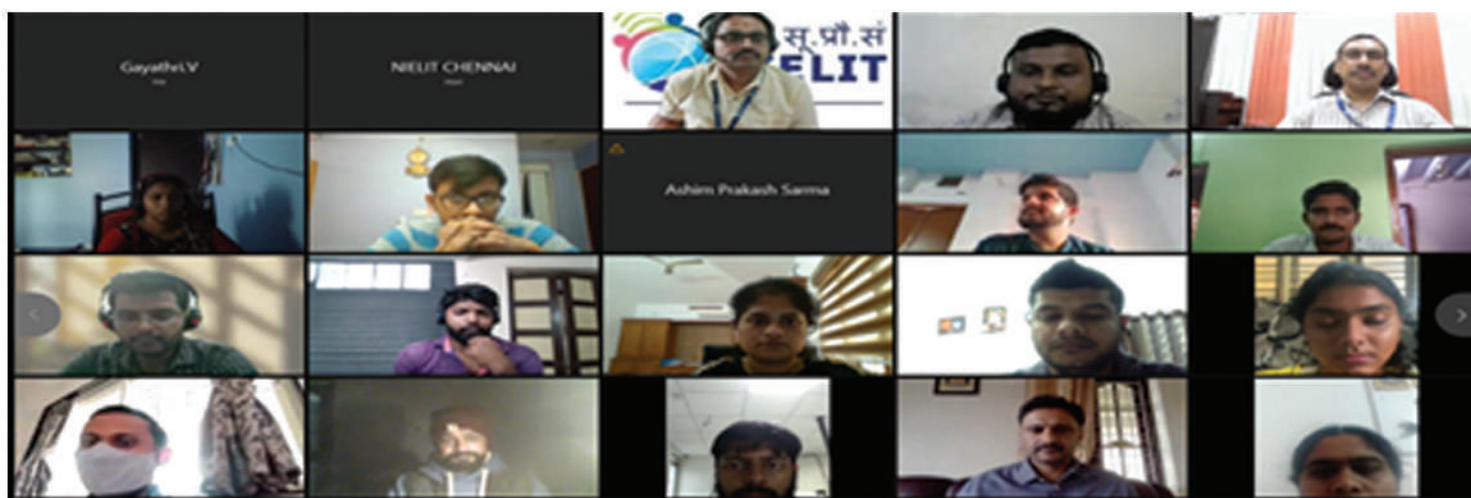
Webinar on Bid Data

A webinar on "Latest Technologies in Big Data" was conducted on 3rd December, 2021. Nearly 30 candidates have participated in the webinar.

3D Printing and Its Applications

The webinar was conducted for the Students/Staff in Karpagam Institute of Technology, Coimbatore on 12th November, 2021. Nearly 150 students/staff have participated in the webinar. The webinar covered types of 3D Printing, Design for Additive Manufacturing, Advantages, Applications, Pre-Processing and Post Processing.

The second webinar on the topic was conducted for the Students/Staff in Coimbatore Institute of Technology, Coimbatore Nearly 120 students/staff have participated in the webinar.

Practical Approach on Cloud Computing

A Webinar - "Practical approach on Cloud Computing" was organised on 21st December, 2021 nearly 50 participants from various Institutions have attended the webinar. The webinar covered Virtualization, SaaS with Google Docs, PaaS with Google App Engine, IaaS Deployment - Citrix Xenserver. The concepts were demonstrated through NIELIT Chennai's existing Cloud based virtual lab setup.

E-waste Management

Webinar on E-waste Management

 A webinar on E-waste Management-Gateway towards Green Electronics was conducted on 29th December, 2021 by Shri Ishant Kumar Bajpai, Scientist "C".

Accelerate Career in AI

Webinars on "Accelerate Career in AI" were organised during 13th, 28th & 30th December, 2021 by Shri Ripunjay Dinanath Singh, Scientist "D". Total of 120 candidates participated in the program.

Robotic Process Automation

Webinar on "Robotic Process Automation" was organised on 22nd December, 2021 by Mrs Gokilapriya V, Resource Person (RPA).

Electric Vehicle Technology

Webinar on "Electric Vehicle Technology" was conducted on 14th December, 2021 by Mr Prabu K, Resource Person (Electronics). 24 candidates participated in the online webinar.

Webinar on "Solar Energy Technology"

Webinar on "Solar Energy Technology" was conducted on 17th December, 2021 by Mr Prabu K, Resource Person (Electronics). 24 candidates participated in the program.

Talk on Computer Aided Drug Discovery

Dr. Saurov Mahanta, STO of NIELIT Guwahati delivered a talk on Computer Aided Drug Discovery to the students of the Assam Royal Global University (RGU). RGU and NIELIT Guwahati will soon exchange students for various programmes in IECT areas.

CORPORATE TRAINING/ FDPs

Online Awareness & Beginners Level Training on Cyber Forensics for Meghalaya Police Dept.
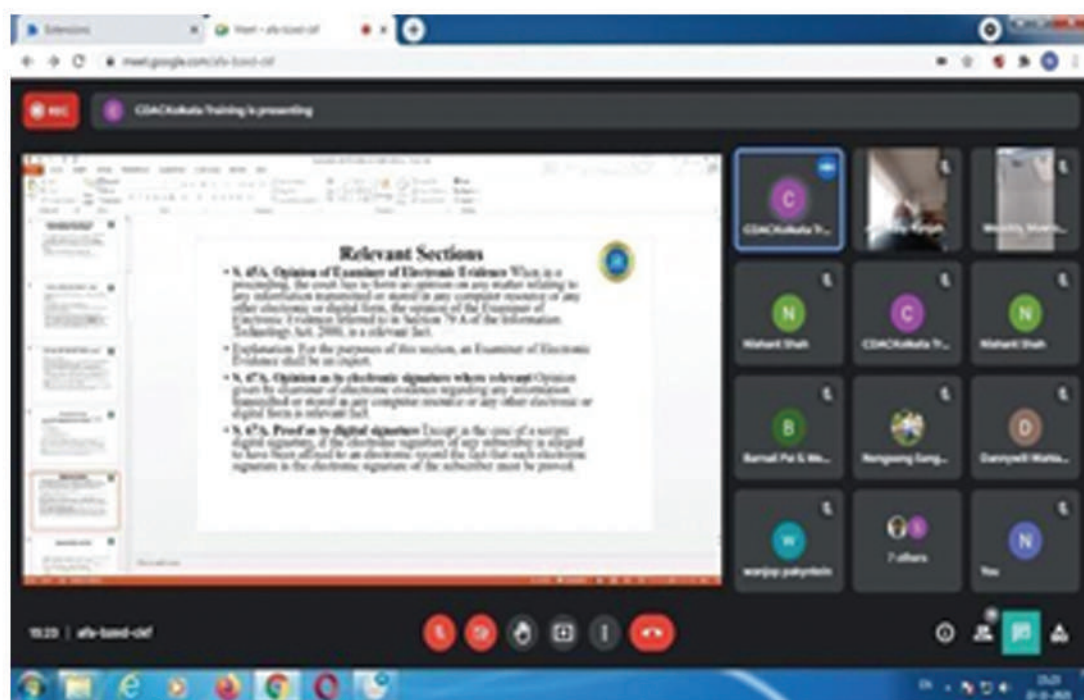
NIELIT Shillong organized one day and three days programs jointly with CDAC-Kolkata for Meghalaya Police Under "Development of Cyber Forensic Training cum Investigation Labs in NE States and Cloud based centralized CF Lab Infrastructures" project sponsored by MeitY. A total of 31 officials participated.

Training on Cyber Forensics for Arunachal Pradesh Police

NIELIT Itanagar, in association with CDAC Kolkata, organised a 3-Days Beginner Level training on cyber forensics for Arunachal Pradesh Police during 22nd to 24th December, 2021 at NIELIT Itanagar Centre, Naharlagun. The training is sponsored by the MeitY under project `Development of Cyber Forensic Training-cum Investigation Labs in North-Eastern States and Cloud based Centralized Cyber Forensics Lab Infrastructures'. Shri Rohit Rajbir Singh, SP Crime / SIT, PHQ Itanagar, Arunachal Pradesh, in his speech, emphasized on how analysis of digital evidence is becoming increasingly important for investigation and prosecution. Shri S.K. Singh, Director In-charge, NIELIT Itanagar Centre, Shri Asok Bandyopadhyay, Associate Director and Project chief investigator, CDAC, Kolkata were present during the inauguration

Awareness Level Training on Cyber Forensics

NIELIT Guwahati in Association with CDAC Kolkata conducted "Awareness Level training on Cyber Forensics" for Sashastra Seema Bal (SSB), Frontier Hqr., Guwahati on 24th December, 2021. The program was inaugurated by the Sh. B.S. Jaswal, DIG, SSB Frontier Hqr., Guwahati in presence of Sh. Asok Bandyopadhyay, Associate Director, CDAC Kolkata & Sh. Rintu Das, Scientist—C, NIELIT Guwahati. Sh. S.D. Purkayastha, Sh Mridul pachani & Sh. David Ray from NIELIT Guwahati handled the training sessions.

IT Training for Constables of Bihar Military Police

NIELIT Patna conducted IT training of 142 constables of Bihar Military Police (BMP) on 04th October, 2021 through its training Partner at Gaya.

TRAINING PROGRAMS

Training on Dismantling and Segregation of E-Wastes

Hands-on sessions with "Dismantling and Segregation of E-Wastes" at E-Waste Segregation and Dismasting Lab, NIELIT Gangtok

NIELIT Gangtok conducted 5 Batches of Entrepreneurship Development Training programs for the youths across the 8 NE states on Dismantling and Segregation of E-Wastes at NIELIT Gangtok during November to December, 2021 under the MeitY sponsored project "Capacity Building through Skill and Entrepreneurship Development On 'E-Waste Management' For The North-Eastern States. 106 participants were trained.

Training Programme on Bio-Informatics

One Month long Training Program on BIOINFORMATICS @NIELIT Guwahati

http://www.nielit.gov.in /NIELITIndia @NIELITIndia /NIELITIndia /school/NIELITIndia

NIELIT Guwahati started a One month-long hands-on training programme on Bio-Informatics from 10th December, 2021. Twenty-two (22) students of Arya Vidyapeeth College attended the OFFLINE training programme. The training programme was inaugurated by Dr. C. Bhuyan, HoD, Zoology Dept. of Arya Vidyapeeth College, Guwahati in presence of Sri Manab Kalita, Sc-E and other senior officials of NIELIT Guwahati.

Online Courses on Data Science, Coding and Artificial Intelligence (AI)

NIELIT Guwahati launched online courses for School students on Data Science, Coding and Artificial Intelligence (AI) as per New Education Policy 2020 along with Coaching for mandatory IT/ Computer Science Subject at very nominal fee.

I-RISE Skill Development Training

NIELIT Kolkata has successfully completed the first batch of I-RISE skilling project for 20 participants under the guidance and support of Skill Council for Green Jobs (SCGJ) and GIZ during 15th to 26th November, 2021. This training programme aims to promote the widespread installation of Rooftop Photovoltaic solar systems. Certified trainers, Shri Anirban Jyoti Hati, Scientist-B and Shri Kalluru Hemanth Reddy, Sr. Technical Assistant of the Centre imparted the training.

Government Officials Training Program on 3D Printing

NIELIT Chennai has conducted the Government Officials Training Program on 3D Printing/Additive Manufacturing under FS Prime Project funded by the MeitY in online mode during 13th to 24th December, 2021. A total of 60 Government officials from premier institutions like IIT Kanpur, NIT Trichy, Anna University – Chennai & GTTC – Belgaum etc. have participated in the training program. The sessions were handled by Shri Mariyappan D, consultant 3D /AM and by experts from the industries including Mr. Sudhakar from EOS, Chennai, Mr. Arulregan J from Monotech, Chennai, Mr. Saksham Rastogi from Altem Tech, Bangalore, Mr. Muralidharan D from RP 3D Products, Chennai and Mr. Guda Karthik from Design Tech, Pune.

Government Official Training program in 3D Printing/AM

SUMMER TRAINING/INTERNSHIPS CAMPUS

Training on Python Programming

Winter Internship Training for students of Govt. Polytechnic at NIELIT Gangtok

NIELIT Gangtok has started Training on Python Programming as a Winter Internship for the students of Govt. Polytechnics under Human Resource Development Dept (HRDD), Govt of Sikkim on 29th December, 2021 with 12 participants.

Industrial Training on "Web Development using PHP & MySQL"

NIELIT Patna conducted the Industrial Training & Internship on "Web Development using PHP & MySQL" for 48 students of Govt. Women's Polytechnic, Patna in December, 2021.

Internship Program in "Library and Information Science"

A 04 Week (40 hours) Internship program in "Library and Information Science" for 19 students of Government Women's Polytechnic, Patna was successfully completed by NIELIT Patna team on 1st December, 2021.

Training in "Python with Data Science and Machine Learning

A 6-week training in "Python with Data Science and Machine Learning commenced in December, 2021 for 34 students of Computer Science and IT from Nagaland University in residential mode.

CAPACITY BUILDING PROJECTS

Government Officer Training in 3DPAM

WELCOME TO
GOVERNMENT OFFICERS TRAINING IN
ADDITIVE MANUFACTURING

NIELIT, CALICUT

(Lead Centre in 3DP / AM stream)

20-October 2021

NASSCOM   futureskills prime   NIELIT

NIELIT, Calicut, the Lead Centre in FS Prime 3DPAM stream conducted the third batch of "GoT FutureSills PRIME 3D Printing and Additive Manufacturing" technology during October – November, 2021. 25 officials working in University of Hyderabad, RTM Nagpur University, Bhagini Nivedita College, New Delhi, and University of Mumbai participated in the program.

Training on Cyber Forensics for Sikkim Police Personnel

Participants of the Awareness level training at Police HQ

The training was implemented under the MeitY sponsored project "Development of Cyber Forensic Training cum Investigation Labs in North-Eastern States and Cloud based Centralized Cyber Forensics Lab Infrastructures" being implemented by CDAC-Kolkata and NIELIT Kohima.

Shri Tenzing Loden Lepcha, IPS, SP, CID, Sikkim Police inaugurated the programs in the presence of dignitaries from CDAC Kolkata, NIELIT Gangtok along with 25 officials of Crime Branch, Sikkim Police.

 A 3 day beginners level program was conducted at NIELIT Gangtok for 16 police officials from across all the 4 districts of Sikkim.

Capacity building of Defence Image Processing and Analysis Centre (DIPAC)

NIELIT Delhi Centre organised 10-days training for 20 officers of Defence Image Processing and Analysis Centre (DIPAC), Delhi, from 22nd November, 2021 to 3rd December, 2021 on Cyber Security at NIELIT Headquarters, Dwarka. Domain experts from various NIELIT centres handled sessions on Cyber Security Attacks and their prevention, Cloud Security, Network Bandwidth Monitoring and many more areas related to the security domains.

Capacity Building of Central Armed Police Forces (CAPFs)

NIELIT Delhi Centre is conducting a training programme in "Computer and Programming Assistant (COPA), NSQF Level-4" for the skill development of Divyang Yodhas of Central Armed Police Forces (CAPFs) at the BSF Campus, Chhawla, New Delhi. A total of 48 candidates have enrolled in the one-year course. The training is aimed at providing knowledge required for effectively operating computer system enhancing their employability and confidence building measures through extracurricular activities.

Awareness cum Digital Literacy Training in Handloom and Handicraft sector

Under Digital Intervention on Handloom & Handicraft Sector for Livelihood Enhancement of Artisans of NE States, An Awareness cum Digital Literacy training for new designs and manufacturing technologies in handloom and handicraft sector was inaugurated at Mon Districts on 16th November, 2021. Shri Thavaseelan K, IAS District Commissioner, Mon, Government of Nagaland has graced the occasion as Special Guest. 94 artisans and officials from handloom and handicraft attended the awareness programme and 60 artisans have enrolled for the 36 hrs Digital Literacy training.

Training for Police Officials on "Digital Forensic & Cyber Crime Investigation with Hands-on"

Three days Beginner's Level Training for Police officials on "Digital Forensic & Cyber Crime Investigation with Hands-on" was conducted from 23rd November to 25TH November, 2021, Shri Jasbir Singh, IPS, IGP(Trg) graced the inaugural program.
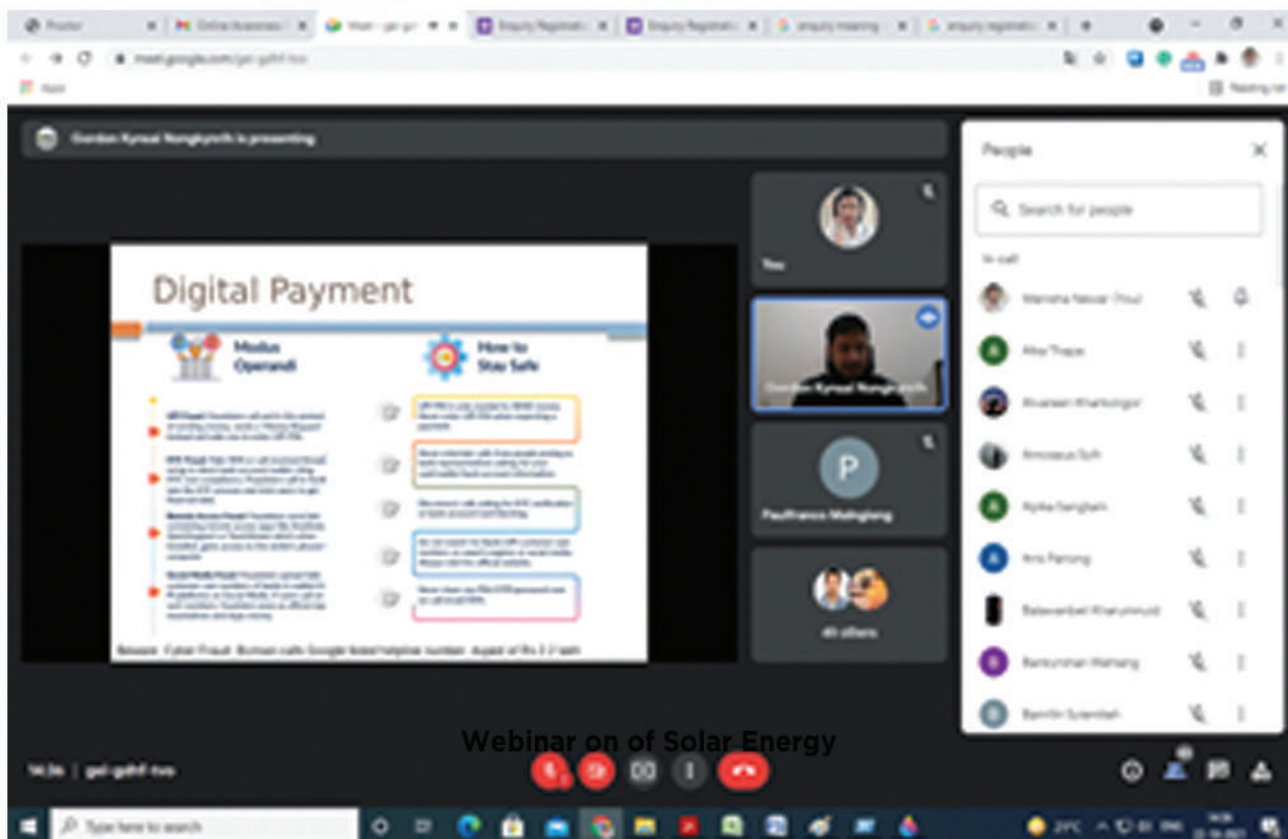
Offline Awareness Programme on Cyber Security

An Offline Awareness Programme on "Cyber Security" was organized by NIELIT Shillong on 29th October, 2021 with regards to the occasion of National Cyber Security Awareness Month, October 2021. The resource person for this Programme was Smt. Vidhya Vibha, Scientist 'C', NIELIT Shillong.

Online Awareness Programme on Cyber Security

Webinar on of Solar Energy

An Online Awareness Programme on "Cyber Security" was organized by NIELIT Shillong on 22nd October, 2021 with regards to the occasion of National Cyber Security Awareness Month, October 2021 with 60 participants. Shri Gordon K. Nongkynrih, Scientist 'C', NIELIT Shillong was the resource person.

INDIASKILLS 2021

INDIASKILLS 2021 – India's Largest Skill Competition (Eastern Region) was conducted in NIELIT Patna from 20th October, 2021 to 23rd October, 2021. Participants from 09 states competed in nine IT & Electronics trades.

1. Electronics, 2. Electrical Installation
3. IT Network System & administration,
4. Mobile Robotics
5. Web Design,

6. Cloud Computing,
7. Cyber Security
8. ITSSB,
9. Refrigeration and Air Conditioning

Skill Development of SC / ST/ EWS (Woman) Youths in Aspirational Districts in Area of IECT Leading to Enhancement in Employability

NIELIT Aurangabad has started training in the aspirational districts of Nandurbar and Washim in Maharashtra State and in the aspirational districts of Guna and Washim in Madhya Pradesh State. Training is being imparted for the two courses - Certification Course in Data Entry and Office Automation and Advance Diploma in Computer Application Accounting and Publishing. NIELIT Aurangabad also functions as the RPCU for central and South India for the project.

Training in Future Skills for Govt. Officials

NIELIT Chandigarh conducted Government officials training in "Big Data Analytics" and "Virtual reality" under Future Skills PRIME project in October and November, 2021 for officials from the Punjab, Haryana and Chandigarh regions. Sh. Sachin Chandla, Dr. Sarwan Singh and Ms. Suman handled the sessions.
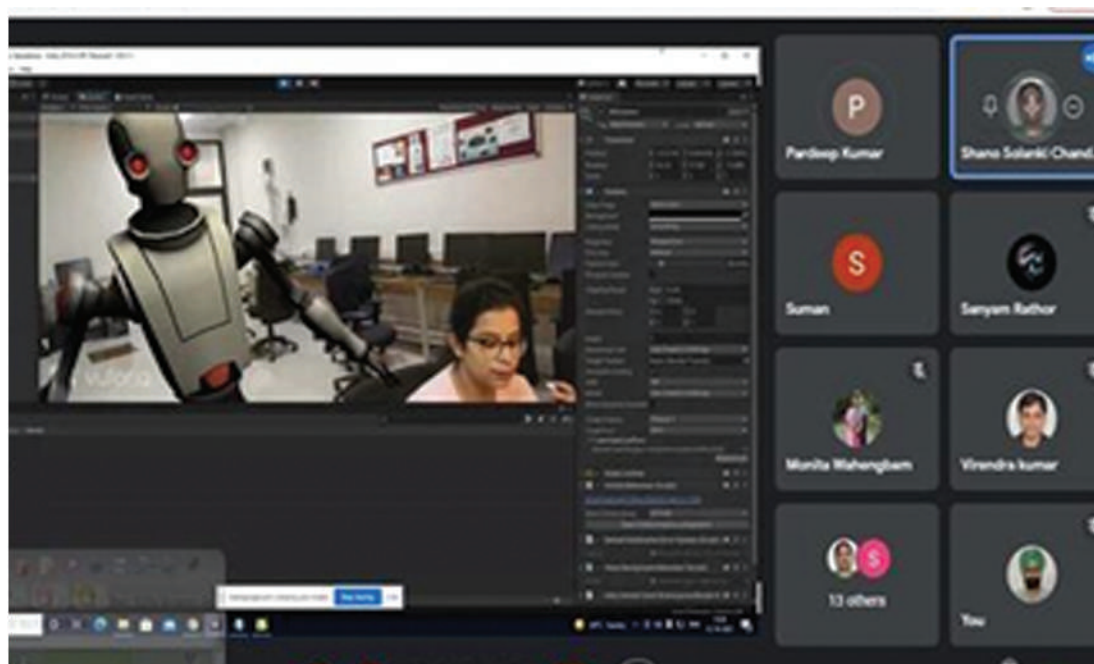
Workshop in Aurangabad

Awareness camps and training programs for senior citizens were conducted at Ajantha Buddha Vihar, Chikalthana in Aurangabad district during the second week of December, 2021. A health check-up camp for senior citizens was also held at Aurangabad. Dr. Sekhar Pandey, Medical Officer of NIELIT Aurangabad briefed the senior citizens about COVID-19 and made them aware about the precautions to be taken.

Workshop in Thane

A mobilization workshop for Senior Citizens was organised on 19th December, 2021 at Kalyan in Thane District. Shri Vishwanath Bhoir, Hon'ble MLA, and other local dignitaries addressed the participants. Dr. Sanjeev Gupta, Executive Director also spoke on the occasion.

Workshop in Akola District

Mobilization Workshop organised by NIELIT Aurangabad for Seniors Citizens at Akola. Shri Govardhanji Sharma, Hon'ble MLA Akola inaugurated the Workshop as a Chief Guest and addressed the local members of Senior Citizens Groups and NGOs of Akola. Dr. Sanjeev Gupta, Executive Director addressed the senior citizens.

R&D Projects & Innovation

NIELIT Calicut Bagged DRDO Funded Project

NIELIT Calicut has been awarded a research and development project from Naval Research Board (NRB) Defence Research and Development Organization (DRDO). The project execution will be in collaboration with Naval Physical and Oceanographic Laboratory (NPOL) Cochin. As part of the project, NIELIT Calicut will be developing hardware solutions for realizing complex signal processing algorithms on various platforms like Field Programmable Gate Array (FPGA), Multi-Core SoC, Graphics Processing Unit (GPU), etc. The project is for three years with a budget outlay of 45 lakhs.

NIELIT Calicut to Setup a "SMART Hardware Remote Facility" as Part of SMDP 'Chips to Start-up' Project of MeitY

To meet the growing demand on self-reliance in Semiconductor Technology in the country, the Ministry of Electronics and Information Technology (MeitY)'s Government of India, approved the project titled "SPECIAL MANPOWER DEVELOPMENT PROGRAMME FOR CHIPS TO START-UP" (SMDP - C2S) with a total project outlay of 250 Crore over a period of five years. NIELIT Calicut is identified as one of the participating institutes under this initiative. In addition, the ministry has approved the setting up of a SMART Hardware Remote Lab & carry-out Instructors Enhancement Programme (IEP) at NIELIT Calicut with a budgetary support of 6 Crore. Dr. M P Pillai, Executive Director NIELIT Calicut said that this will enable networking between important technical institutes, industries in India and will enhance the knowledge pool, which will make India self-reliant in Chip manufacturing. Dr. Jayaraj U Kidav, Scientist D, is the Principal Investigator of this project.

NIELIT Aurangabad Teams Declared Runners-up in Grand Challenge Contest 2021

Ministry of Electronics & IT (MeitY) - Grand Challenge Contest 2021 was organised by Centre for Development of Advanced Computing (CDAC), Noida in association with India Cellular & Electronics Association (ICEA) for product design and development for Mobile handset accessories for CoE to energize young minds and develop indigenous innovative commercially viable product designs which can be upscaled further under this CoE.

A total of 1409 Registrations were received to CoE and 577 Synopsis were received. Out of these 446 Synopsis were shortlisted for Design and 186 Participants submitted their designs to CoE. Evaluation parameters for identification of winners for the Design were Design originality, Functionality and Innovation and commercialization aspects.

NIELIT Aurangabad submitted a total of 3 product designs out of total 7 product categories and all the three projects P-005 (To Design a Low-Cost Smart Light System), P-002 (To Design a Low-Cost USB Charger) and P-003 (To Design a Low-Cost Wireless Charger) have been declared as runners-up in the Problem Statements in the respective categories. All the Jury emphasized that these ideas have high potential and they are looking forward to hearing about these products as to be implemented in the Prototype Phase. Funding amount will be given for prototyping of these 3 selected Product designs into actual products to the selected teams of NIELIT Aurangabad that participated in this Grand Challenge contest 2021.

INDUSTRY/ACADEMIA COLLABORATION

Agreement with Shyam Lal College, University of Delhi

NIELIT Delhi Centre signed an agreement with Shyamlal College, University of Delhi on 27th December, 2021 for providing the training to the students of Shyam Lal College for short term add-on courses in IT. This collaboration shall enable the students of Shyamlal College, University of Delhi to improve their skills in the area of Information Technology and enhance their employment opportunities.

NIELIT Signed Agreement with DGCA

NIELIT has signed an agreement with DGCA for conduction of On-Demand online examinations for Flight Crew (FC) and Aircraft Maintenance Engineers (AME) candidates for a period of 18 months. Exams will be initially conducted at New Delhi and the same will be extended in other locations like Mumbai, Chennai, Kolkata. This project was included in a 100 days scheme and is directly monitored by PMO. NIELIT has conducted two examination cycles under this project. First session was conducted in November 2021 in Delhi for 732 candidates. Second Session was conducted in December 2021 in Delhi, Mumbai, Chennai and Kolkata for 1514 candidates.

NIELIT J&K Signs MoU with IIT Jammu

NIELIT J&K signed MoU with IIT Jammu on 6th December, 2021 with an intent to collaborate to design various Short/Long Term Training Programmes and train the students in Artificial Intelligence, Machine Learning, Big Data and other advanced technologies and create momentum in research, both applied and fundamental, that has the potential of addressing social problems of this region.

NIELIT Haridwar Signed MoU with Graphic Era Hill University

NIELIT Haridwar signed an MoU with Graphic Era Hill University (GEHU) in the presence of Hon'ble Vice Chancellor, GEHU and other officers of the university. Also, three Government Polytechnic colleges of Uttarakhand i.e. Narendra Nagar, Pithuwala and Aamwala also signed MoUs with NIELIT Haridwar for industrial/summer training of their students and FDP for their faculties.

Free Training in Artificial Intelligence for KV Students

NIELIT Chandigarh is giving free Training in Artificial Intelligence to the 6th and 7th class of Kendriya Vidyalaya students in Ropar by Ms. Suman. Inaugural session of the training was organised by the school where Ms Sunita Goyle, Director inaugurated the session in the presence of and Dr. Manish Arora, AD and the course faculty Ms Suman.

IT Students Visited NIELIT Chandigarh

More than 50 BCA and B Tech (CSE) and BE (Electrical) students of KC Group of Colleges, Nawanshahar visited NIELIT, Chandigarh at its permanent campus Ropar on 22nd November, 2021. They were welcomed and addressed by Sh Gurjit Singh, Training Head.

Campus Recruitment Drive for Students

Campus Recruitment Drive was held on 10th November, 2021 at NIELIT Shillong by the recruiter. One Hundred and Thirteen (113) students of different courses participated in the drive. The initiative was quite a success and 13(Thirteen) students got placed.

Competition to Spread Cyber Awareness

NIELIT Guwahati started a one month-long hands-on training programme on Bio-Informatics from 10th December, 2021. Twenty-two (22) students of Arya Vidyapeeth College attended the OFFLINE training programme. The training programme was inaugurated by Dr. C. Bhuyan, HoD, Zoology Dept. of Arya Vidyapeeth College, Guwahati in presence of Sri Manab Kalita, Sc-E and other senior officials of NIELIT Guwahati.

Polytechnic Cheeka Students' Visit NIELIT Kurukshetra

Students of Polytechnic Cheeka visited NIELIT Kurukshetra to get insights about IT education. Late Sh. Sanjeev Sood, Director-In-charge, Mr. Jitesh Kumar Prajapat (Scientist-B) and Ms. Karuna Sheel (Technical Officer) interacted with the staff and the students .

GMS Karnal Students' Visit at NIELIT Kurukshetra:

Students of GMS Karnal visit the center in December 2021 to gain the knowledge about IT technologies and courses offered by the center. On this event Sh. Shiv Kumar (Director Incharge) addressed students about the need of IT in education and industry. A lecture on the latest IT technologies and Internet of Things (IoT) was delivered by Sh. Jitesh Kumar Prajapat and Ms. Karuna Sheel.

Placement Drive at NIELIT J&K

NIELIT Jammu and NIELIT Srinagar organised a Placement Drive on 25th November, 2021 for students of various Degree colleges of J&K UT. These students were trained in different fields of Information Technology under Skill based training Program CCC conducted by NIELIT J&K. More than 100 candidates participated in the drive and about 50% of them were selected.

Mega Job Fair at NIELIT Aurangabad

Mega Job Fair organised at NIELIT Aurangabad on 25th November, 2021 under Model Career Centre with the support of an NGO, Magic Bus India Foundation. Around 3000 candidates registered online/offline for this Job Fair and more than 45 companies participated in this drive and offered Jobs under various categories. Dr. Sanjeev Kumar Gupta, Executive Director inaugurated the job fair and explained various efforts being made by the Centre to bridge the gap between Industrial requirements and current academic standards. Shri. Lakshman Korra (Dean-Skill Development, NIELIT) and the Coordinator of MCC, explained about various activities of MCC being undertaken by the Centre. Shri. Ganesh Sonwane represented the Magic Bus Foundation. More than 700 candidates have been shortlisted by various Industries.

Observation of Vigilance Awareness Week

NIELIT and its centres observed Vigilance Awareness Week from 26th October to 1st November, 2021 under the guidance of Central Vigilance Commission (CVC) for spreading awareness among the general public as well as government employees to be vigilant against corruption. A pledge was taken by all employees on 26th Oct.2021. NIELIT HQs organised a workshop on Independent India @ 75: Self Reliance with Integrity – स्वतंत्र भारत @ 75: सत्यनिष्ठा से आत्मनिर्भरता, on 28th October, 2021 in which Sh. Birendra Pratap, Director, CVC delivered a speech. The workshop was attended by Chief Vigilance Officer and Vigilance Officers of NIELIT and other staff members.

The Constitution Day

NIELIT and its centres across India observed the Constitution Day or 'Samvidhan Diwas' on 26th November, 2021. The Preamble was read by all the staff members.
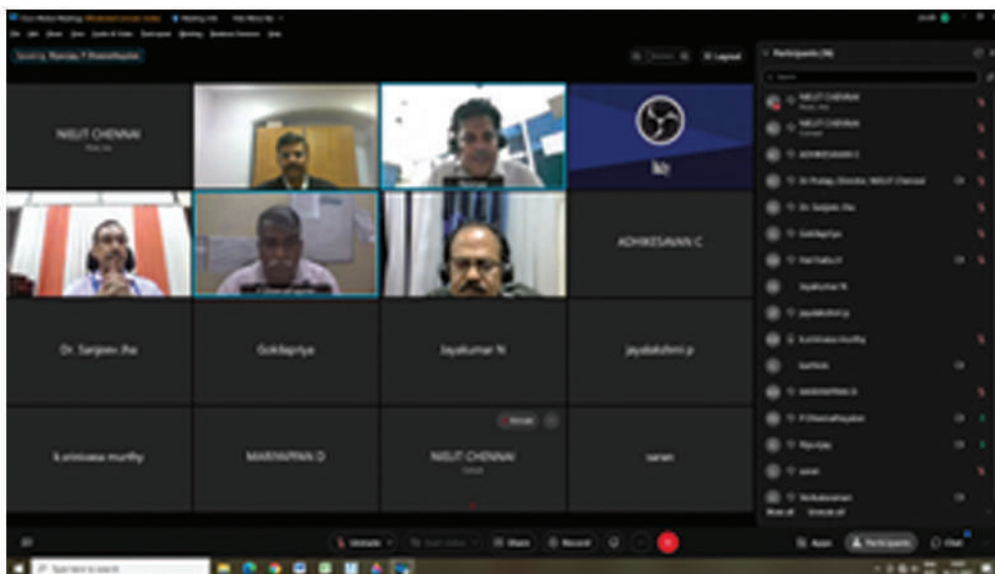
NIELIT Chennai organised a Webinar on "Constitution Day" on 26th November, 2021 by Mr. Srinivasa Moorthy, Senior Advocate for Central Govt. Standing Counsel.

Inspection Meeting on Rajbhasha

NIELIT Delhi Centre participated in the inspection meeting on Rajbhasha hosted by the "The Committee of Parliament on Official Language" at Vigyan Bhawan, New Delhi on 17th December, 2021. During this meeting, the committee appreciated the work done at the NIELIT Delhi Centre in the Hindi language, in the presence of senior officers of the Ministry and the Department.

NIELIT Chandigarh got third prize for doing excellent work in Hindi Language during the meet at IIT Ropar on 29th October, 2021. Ms Sunita Goyle, Director, NIELIT was honoured by Sh. Rajeev Ahuja, Director IIT, Ropar.

Inauguration of Hill Farmers Union Farmer's Training Centre, Shillong

The Hill Farmers Union Farmer's Training Centre was inaugurated on 25th October, 2021 under the theme "Kyrsiew Ia la Ki Jong". Shri. K. N. Kumar (IAS), Chairman Meghalaya Farmers (Empowerment) Commission, Government of Meghalaya was the Chief Guest of the function, Shri. G. H. P. Raju (IPS) Principal Secretary, Dept. of Corporation and AH & Veterinary, Government of Meghalaya was the Guest of Honour and Dr Y. Jayanta Singh Director, NIELIT Shillong was the Special Guest of the function.

Participation in 24th National Exhibition

NIELIT Kolkata has participated in the "24th National Exhibition" on the theme of "Journey Towards a Magnificent India in 75 Years" organized by Central Calcutta Science & Culture Organisation for Youth during 28th to 31st October, 2021 in Science City, Kolkata. Among others, the Chief Patron of the Exhibition Professor Saugata Roy, Hon'ble Member of Parliament, Lok Sabha visited the NIELIT Kolkata Stall on 28th October, 2021.

Certificate Distribution and Felicitation Programme

As a part of its CSR initiative, L&T Construction Skills Training Institute (CSTI), Serampore (West Bengal) organised a Certificate Distribution and Felicitation Programme on 01st December, 2021 at its CSTI Serampore Campus. The programme was to distribute certificates issued by NIELIT Kolkata as the Certification Partner for the free AutoCAD training provided to the underprivileged youth undergoing engineering diploma courses/ITI to make them industry ready and also to felicitate successful female candidates in AutoCAD training as Women empowerment.

Dr. Humayun Kabir, IPS(VRS), Minister of State (IC), Department of Technical Education, Training & Skill Development, Govt. of West Bengal was the Chief Guest and Shri V. Krishnamurthy, Executive Director, NIELIT Kolkata was the Guest of Honour.

Swachhta Abhiyan

NIELIT HQ

NIELIT HARIDWAR

Taking the broom to sweep the streets, cleaning up the garbage, focussing on sanitation and maintaining a hygienic environment have become a practice after the launch of the Swachh Bharat Abhiyan. For the fulfilment of this motive, the staff members of NIELIT participated in Swachhta Abhiyan with full zeal.

On the occasion of Gandhi Jayanthi, the staff members of NIELIT Aurangabad cleaned the campus and surroundings.

Webinar on Sexual Harassment of Women at Workplace
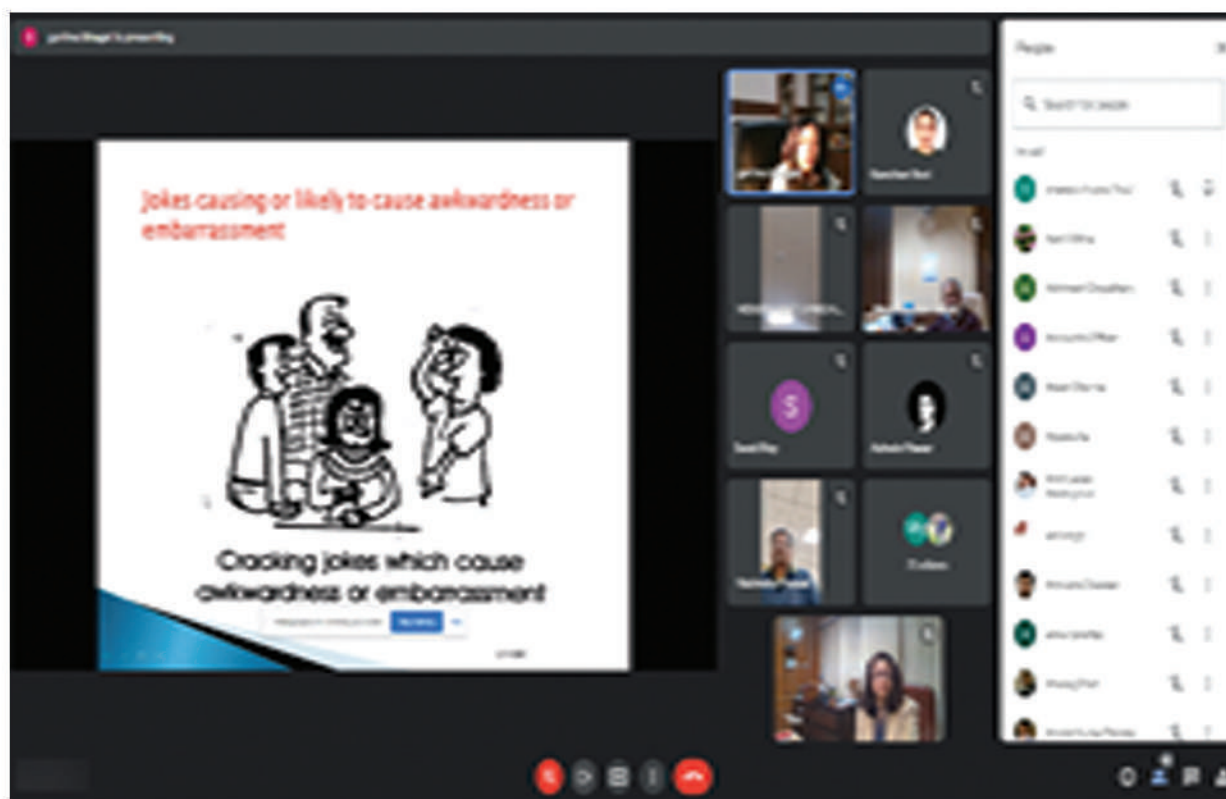
NIELIT Delhi Centre organized a webinar on 9th December, 2021, on the occasion of 8th Anniversary of notification of "Sexual Harassment (SH) of Women at Workplace [Prevention, Prohibition, and Redressal Act, 2013]". Chief guest Smt. Garima Bhagat, I.R.S, Government of India enlightened the Officers / Officials of NIELIT Delhi & HQ on Sexual Harassment Act.

• *Suggestions for improving this newsletter are most welcome*

🌐 http://www.nielit.gov.in   f /NIELITIndia   🐦 @NIELITIndia   ▶ /NIELITIndia   in /school/NIELITIndia