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NIELIT

QUARTERLY NEWSLETTER

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FROM THE DESK OF DIRECTOR GENERAL

Dear Readers

In the digital era of connecting world, technology is easing life through online delivery of citizen centric services and availability of information at a click. This is becoming possible by the efforts of Govt. of India, to put in place robust infrastructure and integrated approach to ensure smooth and efficient delivery of citizen centric services. Technology is paving the way forward to build a better technological intelligent nation. To empower citizens with Information, Knowledge and Skills to enable them to reap the benefits of connected world of technology, Govt. of India is running various schemes to spread digital literacy and continuously supported by NIELIT's bouquet of Digital Literacy Courses.

NIELIT has further strengthened its offering by aligning 24 more courses with National Skill Qualification Framework (NSQF) and has emerged as a front-runner by aligning its 75 Skill Development courses (43 in Electronics and 32 in Information Technology), with NSQF. Further, In order to roll-out these NSQF aligned courses and to allow more training institutes to conduct these training programmes, NIELIT has formulated detailed guidelines allowing Training Partners to tie-up with NIELIT to run NSQF aligned courses.

I am thankful to Shri Nitish Kumar Hon'ble Chief Minister, Bihar for inaugurating the NIELIT Patna, Bihta campus in the august presence of Shri Ravi Shankar Prasad, Hon'ble Minister of Ministry of Electronics & IT and Law & Justice; Shri Sushil Kumar Modi, Hon'ble Dy. Chief Minister, Bihar and Shri Ram Kripal Yadav, Hon'ble MoS for Rural Development on 26th February, 2018. Appreciating the efforts put in by NIELIT in completion of the building in just two years, Shri Ravi Shankar Prasad said that NIELIT has endeavoured to lead by example and is empowering youth through Skill Development and Capacity Building initiatives. He further stressed that NIELIT should open four more centres in other districts for youth to grab the opportunities delivered by NIELIT.

We have further strengthened our Pan India presence to offer educational services by inaugurating the new IETE building of NIELIT Chandigarh on 10th January 2018- celebrating the completion of 40th glorious year by NIELIT Chandigarh, of providing services in the area of Electronics and IT. This issue highlights multifarious activities held at various NIELIT centres across India like workshops on Big Data Analytics, IoT, e-Waste Management etc; Development of bilingual website for NCPSSL; Training of Foreign Delegates on Cloud Computing; PMKVY Skill development Training etc.

With continuous encouragement and support of stakeholders we look forward to continue serving the nation in the field of IECT.

- Rajiv Kumar



HON'BLE MINISTER INAUGURATES 'NIELIT BHAWAN' AT BIHTA, PATNA



Shri Nitish Kumar, Hon'ble Chief Minister of Bihar inaugurating NIELIT Bhawan at Bihta, Patna. Also seen in the picture: Shri Ravi Shankar Prasad, Hon'ble Minister (E&IT, L&J), Shri Sushil Kumar Modi, Hon'ble Deputy Chief Minister of Bihar, Shri Ram Kripal Yadav, Hon'ble Minister of State for Rural Development, Shri Rahul Singh, IAS (Secretary cum Appellate Authority Information Technology), Shri Rajiv Kumar, Director General, NIELIT and Shri Alok Tripathi, Director-in-Charge, NIELIT Patna.

The newly constructed NIELIT Bhawan, Patna located at Bihta, Patna was inaugurated by Shri Nitish Kumar, Hon'ble Chief Minister of Bihar in the august presence of Shri Ravi Shankar Prasad, Hon'ble Minister (E&IT, L&J), Shri Sushil Kumar Modi, Hon'ble Deputy Chief Minister of Bihar, Shri Ram Kripal Yadav, Hon'ble Minister of States for Rural Development, Shri Rahul Singh, IAS (Secretary cum Appellate Authority Information Technology), Shri Rajiv Kumar, Director General, NIELIT, Shri Alok Tripathi, Director-In-Charge, NIELIT Patna on 26th Feb 2018. It is notable that the construction of NIELIT Patna, Bihta Campus has been completed in two year's time.

Appreciating the efforts put in by NIELIT in completion of the building in just two years, Shri Ravi Shankar Prasad said that NIELIT has endeavoured to lead by example and is empowering youth through Skill Development and Capacity

Building initiatives. He further stressed that NIELIT should open four more centres in other districts for youth to grab the opportunities delivered by NIELIT.



AWARENESS PROGRAM ON BHIM AND UMANG APP

An awareness program on Umang and BHIM apps among the students was organized at NIELIT Kolkata on 6th February 2018. The objective of this program was to make everyone familiar with the App and highlight the direct money transfer features in the BHIM App and to support the cashless movement promoted by the Hon'ble Prime Minister of India. The Umang App provides many government services under one roof like- Passport Seva, EPF, Gas booking etc, which were shown to all the participants present in the program. Each feature was explained in detail and the process to install the App was also demonstrated. The program was attended by 15 participants.



WORLD SKILL COMPETITION

At NIELIT Patna First Level (Institute level) screening test for World Skills Competition was conducted by NIELIT Patna Officials on 20th Mar 2018 & 21st Mar 2018 for the following Skills/ Trades. NIELIT Patna is participating in World Skills

Competition as a supporting Institution to Bihar Skill Development Mission Bihar:

1. IT Software Solutions for Business
2. Web Page Design & Development
3. IT Network Systems Administration



DIRECTOR GENERAL REVIEWS NIELIT ROPAR

Review meeting of NIELIT Ropar was chaired by Sh. Rajiv Kumar, Director General, NIELIT & Joint Secretary, MeitY on 11th January, 2018. Sh. Deepak Wasan, Director-in-charge, NIELIT Ropar and staff members welcomed Director General,

NIELIT, Sh. Janak Raj, Registrar, NIELIT and Dr.M.M.Sharma, Executive Director NIELIT Chandigarh. Director-in-charge, Sh. Deepak Wasan gave a presentation on NIELIT Ropar project status and milestones achieved.



SEMINAR ON eWASTE MANAGEMENT

NIELIT Shimla delivered seminar on “e-Waste Management” to officials of Women and Child Development Department, Government of Himachal Pradesh on 20 Feb 2018, speaking on the occasion, Shri Rajiv Aggarwal, Director-in-charge and Shri Pratiyush Guleria, Deputy Director (Technical) emphasized the significance of e-Waste Management for pollution free environment and recycling of electronic waste for eco-friendly and Green Computing Technology.



RECRUITMENT FOR HIMACHAL PRADESH GOVERNMENT



NIELIT Shimla conducted recruitment drive for the post of Programmer in H.P. Administrative Tribunal Himachal Pradesh on 16 Dec 2017 in the august presence of Hon'ble Chairman Justice V.K Sharma and officers of Tribunal. Hon'ble Chairman Justice V.K Sharma appreciated the efforts made by NIELIT Shimla in conducting the examination in fair and transparent manner.

JOB FAIR

NIELIT Ropar sponsored Job Fair organized by District Employment Office, Ropar on 08 Mar 2018. NIELIT Ropar actively participated in the event and created awareness amongst the participants and visitors regarding NIELIT and its courses offered by NIELIT.



PROCESS RE-ENGINEERING FOR EFFECTIVE e-GOVERNANCE

Sh. Deepak Wasan, Director Incharge NIELIT Ropar was invited for a Valedictory session on “Process Re-engineering for effective e-Governance in Technical Educational Institutions” on 23rd Feb 2018



held at National Institute of Technical Teachers' Training & Research. The course “e-Governance and Green Technology Entrepreneurship for Technical Institutions” aimed at making participants aware of latest governance practices and environmentally sustainable business promotion.

e-LEARNING TRAINING AT NIELIT J&K

NIELIT J&K commenced training of 14,265 Government Teachers of High Schools and Higher Secondary Schools in the J&K State on 22nd Jan 2018. NIELIT J&K has signed a MoU with Rashtriya Madyamik Shiksha Abhiyaan (RMSA) - J&K and Sarv Shiksha Abhiyaan (SSA)-J&K for implementing Smart Class Technology across the state of J&K. So far NIELIT J&K has completed over 50% of the target. NIELIT J&K plays a significant role in creating an e-learning environment in the State





NIELIT KOLKATA

TRAINING PROGRAMME FOR OFFICIALS OF WEST BENGAL GOVERNMENT

NIELIT Kolkata organized a 5-Day Corporate Training on Office Automation & e-Governance for 25 Nos. Officials of the Irrigation & Waterways Department, Govt. of West Bengal from 8th to 15th January 2018 at its Salt Lake campus.



HILL BUSINESS SUMMIT AT DARJEELING

Dr. Y. Jayanta Singh, Director, NIELIT Kolkata along with Shri A. Das, JD(F&A) attended the first ever Hill Business Summit in Darjeeling organized by the State Government of West Bengal with Gorkhaland Territorial Administration and CII during 13-14 March 2018.

PROJECT REVIEW MEETING AT NIELIT GANGTOK

Dr. Y. Jayanta Singh, Director, NIELIT Kolkata along with Shri A. Das, JD(F&A) had visited NIELIT Gangtok building construction site at Pakyong for review of the project on 12 Mar 2018.



TRAINING OF MASTER TRAINERS FOR e-WASTE MANAGEMENT



An intensive 5 days training of the Master Trainers nominated from NIELIT Centres for the project "Capacity Building of Government Employees on 'e-Waste Management' through 1/3 Day Training Program (Phase-II)", was held during 19-23 February, 2018 at NIELIT Kolkata, Salt Lake Campus. The program was inaugurated in the presence of Dr. Sandip Chatterjee, Director & OSD to Secretary, MeitY, Dr. Y. J. Singh, Director, NIELIT Kolkata, Shri Arup Chattopadhyay, Addl. Director & CI, Shri Gautam Mehra, Trainer, MAIT.

BIG DATA ANALYSIS USING HADOOP

NIELIT Kolkata organized a 3-day Trainers' Hands-on Training on Big Data Analysis using Hadoop during 11th to 13th January 2018 at NIELIT Kolkata, Jadavpur University Campus. Further, an Invited Talk on "Data Analytics-Introduction to Hadoop & Spark" by Mr. Sakil Barbhuiya, Post Doctorate Fellow, U.K. was organized by NIELIT Kolkata through Skype on 16 March 2018. The program was attended by 42 Nos. of participants



PLACEMENT DRIVE

NIELIT Kolkata in association with Electrical Department of Jadavpur University conducts two Skill development courses - i) Electricity Safety Practices and Installation, and ii) Maintenance of Electrical and Electronic Goods. A placement drive was organized at NIELIT Kolkata JU Campus on 07 Mar 2018 for the students who have successfully completed the said courses. Officers in different projects. Model Career Centre, NIELIT Kolkata arranged for the logistics of the drive where 30 candidates appeared for the interview. Out of them, 9 students got short listed for the next round.





NIELIT JAMMU & KASHMIR

5TH NATIONAL CONFERENCE & EXHIBITION ON EMERGING AND INNOVATIVE TRENDS IN ENGINEERING TECHNOLOGY (NCEEITET)



Hon'ble Minister for Education Sh. Syed Mohd. Altaf Bukhari appreciating the work done by NIELIT Jammu in implementing various training programs for Skill enhancement of students and professionals of J&K

NIELIT Jammu participated in 5th National Conference & Exhibition on Emerging and Innovative Trends in Engineering Technology (NCEEITET) organized by Govt. College of Engineering & Technology (GCET), Jammu in collaboration with IIT Kharagpur on 19th and 20th Feb 2018. All the training programs, consultancy projects and other activities of NIELIT Jammu were displayed via display boards and information brochures. On the inaugural day, Hon'ble Minister for Education Sh. Syed Mohd. Altaf Bukhari and Hon'ble MoS for Education and Culture Smt. Priya Sethi interacted with the Faculty of NIELIT Jammu.



Sh. Asgar Hassan Samoon IAS Principle Secretary to Government, J&K Higher Education Department presenting trophy to NIELIT Team

The students from various technical institutions showed interest in training programs being conducted at NIELIT Jammu. On the concluding day Sh. Chander Prakash Ganga, Hon'ble Minister for Industries and Commerce presented trophies to the participants.

JOB FAIR



Model Career Centre, NIELIT Srinagar participated in Mega Job fair cum Career Counselling, in collaboration with Employment Exchange Srinagar, at Govt. Boys Higher secondary School,

Hazratbal on February 22nd 2018. More than 250 candidates were mobilized, out of which a total of 110 candidates were registered on spot on National Career Service (NCS) online portal. A team from MCC, NIELIT Srinagar explained the salient features of NCS portal to the candidates. The team also held interactions with the candidates to make them aware of the latest employment trends. Various Government Departments and over 10 private Companies participated in the event.

WORKSHOP ON E-WASTE MANAGEMENT

NIELIT Jammu conducted One Day Awareness Workshop on e-waste Management for Government Employees. The program aimed at providing an insight into various aspects of e-waste management. Professional experts like Dr. Vinod Sharma HoD CS & IT, University of Jammu and Mr. SP Singh, DD Technical, NIELIT Jammu started the Interactive session by introducing the various e-Waste Hazards. Mrs. Anuradha Gupta Scientist-A from State Pollution Control Board discussed various e-Waste Management Policies and Practices in India and across the world.



ONLINE EXAMINATION AT LEH

NIELIT Leh conducted SSC CHSL Online examination for 938 candidates from 4th-16th March 2018.

TRAINING FOR DIRECTORATE GENERAL OF RESETTLEMENT

NIELIT Jammu conducted training for 20 JCOs/ OR w.e.f 23rd October 2017 to 8th March 2018. These candidates were sponsored by Directorate General of Resettlement. The training covers aspects of Computer Hardware Maintenance under CHM-O Level which is a long term course of 400 hours duration and which is aligned with NSQF Level 5.



JKSSB TYPING TEST

Typing test on computer keyboard for various posts of different Departments of JKSSB was held at NIELIT J&K. NIELIT J&K has conducted the Typing Test of about 50,500 candidates in the last 4 months with the co-ordination of JKSSB. Recently promising features of biometric authentication was also introduced by the JKSSB. NIELIT J&K is providing the infrastructure and a very secure and transparent exam environment for conducting Typing test.



INDIAN ARMY SADHBHAVANA PROJECT

NIELIT Srinagar conducted a month long training program on Computer Hardware, Repair and Services from 19th Feb to 10th March 2018 for local youth under Indian Army's **Operation Sadhbhavana**. This rebuilding initiative will extend a helping hand in augmenting the social-economic life of the local youth.



NIELIT IMPHAL



RELEASING OF 2018 CALENDAR OF NIELIT IMPHAL

Shri Th. Prameshwor Singh, Executive Director, NIELIT Imphal, Shri T. Surendranath Singh, Director, MASTEC, Shri T. Gunendra Singh, Addl. Director NIELIT Imphal and Shri Y. Subashchandra Singh, Addl. Director, NIELIT Senapati released the 2018 Calendar of NIELIT Imphal on 2nd January 2018.

14 DAYS TRAINING ON IT & DIGITAL SERVICES FOR MANIPUR GOVERNMENT PERSONNEL

14 Days Training on IT & Digital Services for Manipur Government Personnel under Capacity Building & Technical Assistance, sponsored by Ministry of Development of North Eastern Region (MDoNER), Government of India was conducted at NIELIT Imphal from 10th to 27th of January 2018. Similar training was conducted at NIELIT Churachandpur Extension Centre during 9th to 24th January 2018 and at NIELIT Senapati Extension Centre during 31st January to 15th February 2018 respectively.



@NIELIT Imphal



@NIELIT Churachandpur Extension Centre



@NIELIT Senapati Extension Centre

CELEBRATION OF "NATIONAL YOUTH DAY"

NIELIT Imphal celebrated the **"National Youth Day"** marking the birth anniversary of Swami Vivekananda on 12th of January 2018.

The event was graced by Shri M. Asinikumar Singh, Vice Chairman, Manipur Infrastructure Development Agency, Government of Manipur Undertaking, Shri Th. Prameshwor Singh, Executive Director, NIELIT Imphal, Shri Mahesh Bhagavath, Organising Secretary, ABVP, Smt. Dr. Chithung Mary Thomas, Associate Prof. D.M College of Commerce, Imphal, Smt. Dr. Lamalu Thamei, Asst. Prof. Manipur University as Chief Guest, Presidents and Guest of Honours respectively.

A talk on **"Swami Vivekananda's Vision for Dynamic Life"** was presented by Swami Mitrananda Ji, Chinmaya Mission, India.



(left to right) Shri Mahesh Bhagavath, Organising Secretary, ABVP; Shri Th. Prameshwor Singh, ED, NIELIT Imphal; Shri M. Asinikumar Singh, Vice Chairman, Manipur Infrastructure Development Agency, Govt. of Manipur Undertaking; Swami Mitrananda Ji, Chinmaya Mission, India; Smt. Dr. Chithung Mary Thomas, Associate Prof. D.M College of Commerce, Imphal and Smt. Dr. Lamalu Thamei, Asst. Prof. Manipur University

GOVERNMENT SCHOOL TEACHERS TRAINING



Third batch of 7 days Government School Teachers Training Course on Computer Application started at NIELIT Agartala on 2nd Jan 2018. Total 153 Teachers from Tripura Tribal Areas Autonomous District Council (TTAADC) has joined the Training Program.

TRAINING SPONSORED BY MDoNER

Training of Government Employees for the Project of Capacity Building in IT and Digital Services (including Digital Payments GST & Softskills) sponsored by Ministry of Development of North Eastern Region (MDoNER) India started on 10th Jan 2018 at NIELIT Agartala. Total 20 employees joined the Training Program.





NOTABLE NEWS

PLACEMENT DRIVE AT NIELIT IMPHAL

A Placement Drive was organised by MCC, NIELIT Imphal for Apollo Homecare Kolkata on 30th January 2018 for various openings for ANM, GNM and B.Sc Nursing passed out candidates. A total of 18 candidates were interviewed by Smt. Debjani Das, Nursing Officer and Shri Subhojit Mukherjee, Sr. Executive-HR of Apollo Home Healthcare Ltd. Kolkata. Four candidates were given job offers.



Participants of the placement drive.

NIELIT IMPHAL ANNUAL SPORTS MEET 2018

Annual Sports Meet 2018 of NIELIT Imphal was held from 26th to 27th February 2018.

Shri Ksh. Bhabananda Singh, Hon'ble Member of Rajya Sabha, Shri Kh. Rajen Singh, SIO, NIC Manipur & Shri Th. Prameshwor Singh, Executive Director, NIELIT Imphal inaugurated the Sports Meet as Chief Guest, Guest of Honour & President respectively. Various events such as Volley Ball, Table-Tennis, Badminton, Race, Athletics etc were organised for the sports meet and members from the four houses participated in the events.



Hoisting of flag by the Chief Guest Shri Ksh. Bhabananda Singh, Hon'ble Member of Rajya Sabha

CERTIFICATE DISTRIBUTION FUNCTION OF PMKVY SKILL DEVELOPMENT TRAINING

Certificate Distribution Function of PMKVY Skill Development Training, sponsored by Ministry of Development of North Eastern Region, Government of India was held on 26th Feb 2018 at NIELIT Imphal. The function was graced by Shri Ksh. Bhabananda Singh, Hon'ble Member of Rajya Sabha, Shri Kh. Rajen Singh, SIO, NIC Manipur & Shri Th. Prameshwor Singh, ED, NIELIT Imphal as Chief Guest, Guest of Honour & President respectively.



Shri Th. Prameshwor Singh, ED, NIELIT Imphal, Shri Ksh. Bhabananda Singh Hon'ble Member of Rajya Sabha and Shri Kh. Rajen Singh, SIO, NIC Manipur (left-right)



Shri Ksh. Bhabananda Singh Hon'ble Member of Rajya Sabha distributing the certificates to the students

NATIONAL CYBER SECURITY COORDINATOR VISITS NIELIT KOHIMA



Dr. Gulshan Rai chairing the 3rd PRSG Meeting for Advanced Cyber Forensics Project at NIELIT Kohima

Dr. Gulshan Rai, National Cyber Security Coordinator, PMO, Govt. of India visited NIELIT Kohima on March 23, 2018 for the 3rd PRSG Meeting for project "Enhancement of cyber forensics lab for advanced training to Law Enforcement Agencies to handle emerging cyber-crimes and capacity building of youths in the area of cyber security in NE States". Shri. Omveer Singh, Shri. A. S. A. Krishnan and Shri. Tarun Pandey from the Ministry of Electronics & IT, Govt. of India and Shri. Ch A. S. Murty from C-DAC Hyderabad attended the meeting. Also present were Shri. T. P. Singh, Executive Director and Shri. Laishram Shyamsunder from NIELIT Imphal. A detailed presentation was made on the progress of the project by Shri. L. Lanuwabang, Director i/c. The chairman and the members lauded the efforts and achievements made by the centre.



NIELIT AGARTALA

SKILL DEVELOPMENT UNDER PMKVY

Dr. S. K. Panda, Chairman, Executive Committee, Tripura Skill Development Mission and Shri S. Prabhu, Director, Directorate of Skill Development, Government of Tripura along with other officials met with the Director-in-Charge on 30th Jan 2018 regarding conduction of Skill Development Training Program at NIELIT Agartala centre under Pradhan Mantri Kaushal Vikas Yojna (PMKVY)



e-WASTE MANAGEMENT

NIELIT Agartala organized a workshop on 16th Feb 2018 on "Awareness on e-Waste Management" followed by a Quiz contest on the presentation delivered. Total 25 staff members participated in the workshop. Small token gift were also given to the participants for correct answers to the quiz questions.



ACCOLADES BY CISCO

NIELIT Agartala has been awarded with "Academy Years of Service-2017" by Cisco Networking Academy for one year of active participation and service in Cisco Networking.

The award has been received by Shri Surajit Paul, Technical Officer, at Cisco Network Academy conference-2018, Vizag, India on 5th Feb 2018. Shri Paul, who is the mentor of Cisco Networking at NIELIT Agartala centre, has also been awarded with first prize in Global IPD week Sweepstakes for September 2017 in this conference.



ONLINE GATE 2018

NIELIT Agartala successfully conducted online Graduate Aptitude Test in Engineering (GATE) 2018 in association with IIT Guwahati & Tata Consultancy Services (TCS). Total 420 candidates appeared for the Exam.



ASSESSMENT FOR TRIPURA GOVT. EMPLOYEES



Assessment Test for 260 candidates of Directorate of Skill Development, Government of Tripura started at NIELIT Agartala on 15th Jan 2018 based on NSDC qualification pack-Domestic Data Entry Operator.

TRAINING PROGRAMME FOR AIR FORCE OFFICIALS

One month training on BCC course being started for Staff of Eastern Air Command (Air Force) Shillong. The month long training program started on 23rd Jan 2018 at NIELIT Shillong, Nongrim Hills, Shillong.



GST TRAINING

Third batch of Five days intensive Training Course on Goods and Services Tax (GST) started at NIELIT Agartala on 21st Feb 2018. Total 20 Finance and Accounts Professionals, Students joined the program.





NIELIT CALICUT

NIELIT CALICUT SIGNED MOU WITH MAKER VILLAGE, KOCHI

NIELIT Calicut signed an MoU with Maker Village, Kochi, Kerala, a joint initiative of Ministry of Electronics and Information Technology (MeitY) and Government of Kerala implemented by Indian Institute of Information Technology and Management Kerala (IIITM K) for Skilling and Technology based Entrepreneur Development Programs (TEDP) in Electronics and IT sector.



The collaboration, aims at facilitating interaction among Scientists/ Engineers of NIELIT and start-ups of Maker Village, associated industries etc for hand holding, conducting joint/ collaborative skilling and Technology based EDPs in Electronics & IT sector and sharing of resources for the benefit of entrepreneurs and for effective utilization.

As part of the collaboration, a unique one year up skilling program (Advanced PG Diploma in Electronic Product Design and Manufacturing) for students is also included. The course will be aimed at developing competency in the design and development of electronic products, employing state-of-the-art IoT, Embedded, VLSI, and RTOS technologies. After 6 months training at NIELIT Calicut, successful candidates will

get hands on training at SMT assembly line at Maker Village, Kochi followed by 6 months industry internship at Maker Village and associated industries.

The MoU was signed at Kerala's first ever national level hardware start-up conclave conducted in Kochi on March 10, 2018. Around 1000 participants, including hardware startups, officials representing the Centre and state governments, industries, technology

firms, funding agencies, accelerators, hardware incubators, branding gurus and academic institutions from across the country attended the event held at Gokulam Convention Centre. Major companies including Lockheed Martin, Siemens, Dassault Systems, Qualcomm India, Intel, ARM, Imec, Bosch, Tejas Networks, Invecas, Rambus and Texas Instruments India also participated in the event.

Dr. M.P Pillai, Executive Director, NIELIT Calicut and Dr. Saji Gopintah Director, IIITM signed & exchanged the MoUs in the presence of M Sivasankar IAS Secretary E& IT, OSD to CM, Govt. of Kerala, Shri M Madhavan Nambiar IAS (Retd) & Chairman IITM K, Mr Phil Shaw, Chief Executive, Lockheed Martin (I) Pvt Ltd – the US war aircraft manufacturer.

NIELIT CALICUT SIGNED MOU WITH MALABAR CANCER CENTRE, THALASSERY



NIELIT Calicut signed MoU with Malabar Cancer Centre (MCC), Thalassery for R & D in Medical Electronics equipments, enabling IT software for cancer patients etc. In a brief function held at MCC Thalassery on 18th Jan 2018, Dr. Satheesan V, Director, MCC & Dr M P Pillai Executive Director, NIELIT Calicut inked the MoU. Under this MoU both Institutes will work together towards developing indigenous



Medical Electronic equipments, enabling IT for cancer patients, etc. The facilities at MCC Thalassery and NIELIT Calicut would be utilized for collaborative research. The joint research aims at developing patient care systems, medical diagnostics systems etc. in long run. The unique Ultrasound research facility available at NIELIT Calicut would be used for research in ultrasound based early detection of cancer cells. MCC Thalassery will help to validate the algorithms developed by NIELIT Calicut on cancer statistics.

ISEA PHASE II GOVT. OFFICIAL TRAINING TO KOZHIKODE PASSPORT OFFICIALS

As part of the Information Security Education & Awareness (ISEA) Project Phase II, "Training on Information Security" for Passport Officials Kozhikode was conducted by NIELIT Calicut on 17th Feb, 2018 at Regional Passport Office, Kozhikode with 84 participants taking up the training. Shri Munivel E, Sc/E 'C', Shri Sini S. Nair, PTO and Shri Hari K, STO of NIELIT Calicut were the Resource Persons.



CAMPUS RECRUITMENT AT NIELIT CALICUT

A number of reputed companies conducted Campus recruitment drive at NIELIT in the first quarter of 2018. G Fly services, Travancore Analytics, Stat Analytics, Presevi Industries, GES infotek are some of the Companies who conducted recruitment drives exclusively for the students of NIELIT Calicut. Around 150 students participated and around 35 students were shortlisted.





NIELIT Patna Centre was established in the year 2012 with an objective to promote knowledge and skill development in Information, Electronics and Communications Technology (IET) at various levels which will meet the requirement of the industry, thereby making the overall development of the region specially in Bihar State. The Centre is also engaged in capacity building training programmes for the State Government Employees' Training Programme, which is mandatory for Group 'C' employees to become eligible for annual increments. NIELIT Patna is implementing training programmes under the 'कौशल विकास' mission of the Government of Bihar that aims to train 3.75 Lakhs unskilled youths of the district, subdivision and block levels, to make them employable. At the National Level, NIELIT has also formulated a proposal to train 55 lakh candidates from weaker sections of the society, including women, under 'IT for Jobs', which is defined as the 8th pillar of the **Digital India** initiative.

COURSES OFFERED

SHORT TERM COURSES:

Basic Computer Course (BCC) • Course on Computer Concepts (CCC) • Certificate Course in "Programming in C++" • Certificate Course in Advance JAVA(J2EE) • Certificate Course in "Advance Development using PHP" • Certificate Course in System Administration using Linux • Certificate Course in Financial Accounting using Tally • Project Training (Project Development) • Project Training Target Group

❖ Training Programs under Project "Skill Development in ICT Area", for Minority Candidates, under **Mukhya Mantri Shram**

Shakti Yojana, Govt. of Bihar. Under the project courses conducted are: • Certificate Course in Web Programming through PHP (CCWP-PHP) • Certificate Course in Computer Application & Financial Accounting (CCFA) • Certificate Course in ITES/BPO (ITES-BPO) • Certificate in Establishment of Computer Network (CECN) • Behavioural Basics (BB) • Spoken English and Communication Skills (SECS)

LONG TERM COURSES:

NIELIT 'O' Level (S/W) • NIELIT 'A' Level (S/W) • Advance Diploma in Hardware, Networking & Information Security (ADHNS)

HIGHLIGHTS & ACHIEVEMENTS

- The Centre is engaged in capacity building training programmes for the State Government of Bihar and Central Government.
- **16797** candidates were trained under different projects of Govt. of Bihar and Govt. of India in 2016-2017
- Under **ESDM** Project NIELIT Patna has trained **5440** candidates in the year 2016-17
- Trained 322 candidates under the project Skill Enhancement in Advance ICT Concept (Govt. of Bihar)
- Conducted 40 VLE workshops for capacity building in Bihar at district level
- Conducted Workshop on digital payment at different colleges of Bihar; approximately **2000** students participated in the workshop
- Conducted Workshop on digital payment in Village Alawalpur, Bihar at Adarsh Computer Saksharta Centre, Alawalpur; approximately **400** villagers participated in the workshop
- Approximately 23,441 students have been enrolled for various courses at NIELIT Patna till February 2018.
- Basic Computer Training and Training on Smartphones was provided to **3048** PRI Functionaries of Panchayati Raj (2017-2018)

CENTRE IN FOCUS :



TRAINING OF PRI MEMBERS (VILLAGE MUKHIYAS) AT 12 DISTRICTS OF BIHAR

NIELIT Patna Centre is conducted training of PRI member (village mukhiyas) at 12 districts of Bihar on "Basic Computer Literacy and Use of Smart Phones". The training session was held from 12th Dec 2017 to 9th Feb 2018. The Training was mainly organised to give emphasis on to learn the basic uses of computer literacy and uses of smart phones.



PRI Members (village mukhiyas) attending training session



Director-in-Charge: Shri Alok Tripathi

Centre Addresses:

1. NIELIT Patna, 11th Floor, Biscommaun Tower, Gandhi Maidan, Patna-800001
2. NIELIT Bhawan Near IIT Bihta, Amahara, Bihta Patna-801118.

Area of Excellence

- INFORMATION TECHNOLOGY
- CYBER SECURITY

LIST OF ACCREDITED INSTITUTES

#	Name	Address with Contact Details	Accreditation for NIELIT Course (as on Date)
1	ANWESHA TECHNOLOGIES PVT. LTD.	CYBOTECH TOWER 2ND FLR, OPP. ALLAHABAD BANK NEAR A N COLLEGE PANI TANKI, MORE BORING PATLIPUTRA ROADPATNA	O Level
2	BUDHA EDUCATIONAL & ECONOMIC DEVELOPMENT INSTITUTE (BEEDI)	2 ND FLOOR, STATE BANK BUILDING CINEMA ROAD HAJIPUR 844101 BIHAR Phone : 260096	O Level
3	GOPALGANJ IT PARK	COMPUTER EDUCATION CENTRE SHIVAJI CHOWK, YADAVPUR GOPALGANJ 841428 BIHAR Phone : 225239	O Level
4	INFO CAMPUS	PLOT NO. S-460, CIRCLE NO. 8A 1 ST &2 ND FLOOR, BASANT VIHAR MARKET, P.S. KANKARBAGH PATNA BIHAR	O Level
5	JOSEPH INSTITUTE OF COMPUTER EDUCATION	ST. BENEDICTS CHURCH COMPOUND KUTCHERY CHOWK 1, M.G. PATH BHAGALPUR 812001 BIHAR Phone : 2401523	O & A Level
6	KEY STROKES	302, ADHARSHILA COMPLEX, SOUTH GANDHI MAIDAN, PATNA 800001 BIHAR Phone : 2689935	O Level
7	MISHRA MICROTECH	AMBALIKE , BENGALITOLA , LAHERIASARAI , DARBHANGA BIHAR Phone : 244747	O Level
8	RASHCOM COMPUTER EDUCATION PVT.LTD.	NEAR UMA MARKET MOTIHEEL MUZAFFARPUR 842001 BIHAR Phone : 2267489	O & A Level
9	KAUTILYA COMPUTER COURSES	LAXMI BHAWAN NEAR ALPANA MARKET SOUTH PATLIPUTRA COLONY PATNA 800013 BIHAR Phone : 2267126	A & B Level
10	NEW GOVERNMENT POLYTECHNIC	ATLIPUTRA COLONY PATNA 800013 BIHAR Phone : 2262866 Email : polypat2000[at]yahoo[dot]com Fax : 2262866	A Level
11	VTNET CENTRE (DIV. OF VIKAS TOWERS PVT.LTD.)	11-B, ASHOKA PLACE, EXHIBITION ROAD, PATNA 800001 BIHAR Phone : 2231007 Email : vtpl[at]sancharnet[dot]in	A Level
12	GLOBAL COMPUTER EDUCATION	RAGHUNATHPUR (HAYA-TOLA) MOTIHARI, EAST-CHAMPARAN – 845401 MOTIHARI	O Level
13	GOVERNMENT POLYTECHNIC, SAHARSA (BIHAR)	AT GANGJALA WARD NO. 32, - 852201 SAHARSA	O & A Level
14	SHAMA INSTITUTE OF COMPUTER EDUCATION	(UNDER SHAMA VIKAS SAMITI) PATELNAGAR, GAYA ROAD, DIST. NALANDA -801303 ISLAMPUR	O Level
15	INFOSYSTEM AND SOLUTIONS	3 RD FLOOR, DEVENDRA LAXMI COMPLEX, SAGUNA MORE, PHULWARI-801503 PATNA	O Level

KUSHAL YUVA PROGRAM AT NIELIT PATNA

NIELIT Patna playing key role in implementing State Govt. Schemes like BSDM to educate the youth of Bihar. The Bihar Skill Development Mission (BSDM) has launched a unique skill training programme by the name of “**Kushal Yuva Program**” which would enhance the employability Skills of all aspirants in the age group of 15-25 years (Age limit for SC/ST- 30 years, OBC- 28 years, PwD- 30 years), who have passed 10th Class. It also consist of Soft Skills training on Life skills, Communications Skills (English & Hindi) and Basic computer literacy which would enhance their employability and act as a value add to the various domain specific training endeavours currently being implemented in Bihar.

NOTABLE PROJECTS

- ❖ **Capacity Building for Minority Candidates in Advance ICT Concepts:** Sponsored by State Government
Summary: In this project 10+2/ BTech/ MCA Minority students get training on Advance ICT Courses like CCCN, CCWP, CCFA, ITES, etc. These courses are free for minority candidates.
Total Outlay: 90 Lakhs for one year
Total Beneficiaries: 480
- ❖ **Panchayati Raj Project** Being Sponsored by State Government
Summary: In this village Panchayati Raj functionaries are being trained on Basic compute operations and Operations of Smart Phones.
Total Outlay: 2.5 Crores for one year
Total Beneficiaries: 3024
- ❖ **Employee Training Project:** Being Sponsored by State Government.
Summary: In this project Group C Employees of Bihar Government are being trained on Basic Computer Applications, MS office, Internet Uses and certified by Conducting Exam for them every two months. After passing the exam State Government Employees Get increment in their salary.
Total Outlay: 1.5 Crores annually
Total Beneficiaries: Approx. 40000



Certificate Distribution by DM Patna to Kushal Yuva Program Passed out students under Bihar Skill Development Mission (BSDM) Project.



NIELIT CALICUT

EXPERT TALKS

An Expert talk on the topic 'Hiring Freshers – A Corporate Perspective' was conducted at NIELIT Calicut on 24th Jan 2018. The program was organized by the IEEE NIELIT Calicut student branch. Shri Ashok Kumar, alumnus of NIELIT Calicut and Firmware Engineer at INTEL addressed the students and explained in detail to the participants, the expectations of the companies while recruiting freshers and how to prepare the best for interview processes.



In another Talk, 'Higher Education Opportunities for Indian Students in Europe' conducted at NIELIT Calicut on 15th Jan 2018, Shri Jaisal Ashraf SoC Design at Nokia, Finland. Former Engineer at INTEL & recipient of prestigious EIT Digital Scholarship awarded by European Union, explained in detail to the higher education avenues and opportunities for scholarships available for international students from European Union. The Talk was organized by the IEEE NIELIT Calicut student branch.

IEEE-NIELIT WORKSHOP ON LINUX DEVICE DRIVER DEVELOPMENT



NIELIT Calicut in association with IEEE Malabar Subsection and Kerala Chapter of IEEE Robotics and Automation Society, will be conducting a two days hands on workshop on Linux Device Driver Development on 10th & 11th Mar 2018. Shri Rajesh M, Scientist /Engineer 'C' will serve as the resource person. The workshop covers highly industry relevant topics like Linux Kernel, Kernel Module Programming, Character Device Driver fundamentals, Hardware access mechanisms, Interrupts and development of common device drivers.

IEEE – NIELIT TECH TALK ON EMBEDDED PLATFORMS FOR AI AND BLOCKCHAINS

IEEE NIELIT Calicut SB organized a Technical Talk on "Embedded Platforms for AI and Blockchains" on 15 Mar 2018. Shri Prasad LK, MD of Accelaron Labs covered the various Technical aspects of AI and Blockchain Technology.

NIELIT CALICUT SIGNED MOU WITH IIT MADRAS FOR RESEARCH AND ACADEMIC COLLABORATION

NIELIT Calicut signed a MoU with Indian Institute of Technology, Madras (IIT Madras) to foster research in Bio-Medical Electronics Systems. The collaboration, aims at



research and capacity building in the areas of specialized electronics domains such as bio medical hardware, medical Ultrasound imaging, etc. through effective utilization of resources available with both institutions. In a brief function held at IIT Madras Campus on 31st Jan 2018, Dr. Krishnan Balasubramanian, Dean (ICSR), IIT Madras & Dr M P Pillai, Executive Director, NIELIT Calicut inked the MoU. The facilities at Bio-Medical Engineering Department, IIT Madras, and NIELIT Calicut would be utilized for collaborative research in high-end medical imaging systems. The Ultrasound Research Platform, which is the unique research facility available in India at NIELIT Calicut and IIT Madras will be used for high-end algorithms development for elastographic, tissue harmonic imaging etc. The institutes with expertise in advanced signal processing and electronics domains foresee that there is a vast scope for development of qualified manpower in the areas of Medical Imaging, VLSI, and Embedded Systems. Through this initiative, both institutions together facilitate the capabilities of young talent pool available in the country in general & research organizations in particular to make them ready for meeting the requirement of high-end electronic design areas. The joint research aims at developing indigenous techniques for bio medical instrumentation, high end medical ultrasound imaging etc. and implementing them through indigenous designs. In long run the research will fulfil the Nations need for indigenous high end medical diagnosis systems.

IEEE-NIELIT TECH TALK ON DESIGN FOR RELIABILITY



NIELIT Calicut in association with IEEE Malabar Subsection and Kerala Chapter of IEEE Robotics and Automation Society, organized a Technical Talk on Design for

Reliability 13th Mar 2018. Mr. Uday Khambete, Scientist/Engineer 'SE', VLSI Design Department (VDD), Semi-Conductor Laboratory (SCL) Chandigarh threw light on the processes performed during the design of the product to ensure that, the product is able to perform to the required level of reliability.



EMBEDDED AND IoT VENTURES

Utilizing the excellent infrastructure and the guidance of the Faculty, students of the Post Graduate Diploma courses in Embedded Systems and IoT have dwelled on several resourceful ventures as listed below. All the projects make effective use of IoT and Embedded System Concepts and are useful and practical.

INS AUTOMOV: an indoor navigation robot which can estimate the location and distance to move by receiving signal from the beacons implemented using IR transceivers. A combination of ultrasonic sensor and buzzer is used for obstacle detection. In this navigation system, the robot can navigate to the location with the help of a map, by acquiring the information of pre-set map deployed in an indoor environment and robot locates itself and knows its position.



Embedded Fruit Segregator: aims at meeting the demand of an automated system that can analyze the external quality of fruits. This being done in a non-destructive way, using image processing can help reduce the number of samples being tested. This innovative method of fruit segregation will improve the quality of distribution.



This system can analyze the quality of at least two fruits per second, while the number fruits processed can be increased with further optimizations. The user can select the type of fruit and start the system, where a conveyor belt transports the fruit and a camera captures the image of the fruit once it triggers an IR sensor. This image is processed and the quality of the fruit is then assessed. The quantity and quality of the fruits analyzed can be obtained through a database implemented in server using RaspberryPI. These details can be accessed using a GUI based application developed which will be available to the customers who can select the best quality fruit provider.

Embedded Cane: is a low cost solution to address the difficulties faced by Visually challenged persons. Embedded cane will detect the knee above obstacles, pits which may help the visually impaired people to navigate very easily by providing voice alerts and vibrations, which will considerably reduce accidents. Also it helps the user to identify the location. The Embedded Cane has been implemented using Arduino open source hardware,

Ultrasonic sensors, RF Transceivers, vibrator and wav audio player module. When an obstacle is detected, signals will be sent to microcontroller unit, which is pre-programmed to calculate the distance and send appropriate signal to wav audio player to play pre-recorded audio message. The vibrating motor will vibrate if the distance of the obstacle is nearby or less than 40 cm distance. RF Transceivers helps to find the location in the indoor.



Embedded Power Supervisor: aims to provide a clear picture of an organization's electric power usage, considering the heavy equipment and data provides an estimate of power consumption.



The ultimate goal is to present a user with energy usage information with the hope that they could use this information to optimize and reduce their energy consumption.

The node module of the system is developed using open source hardware Arduino and a NodeMCU. The web based data base system implemented on Raspberry server, which stores the power consumed by each device i.e., the air conditioners in the laboratories.

TNSDC SPONSORED WEB DESIGNING COURSE CONDUCTED



NIELIT Chennai has been conducting Course in Website Designing using Dreamweaver under Tamil Nadu Skill Development Corporation (TNSDC) successfully from 2015 onwards. Till now five batches have been completed with 53 candidates participated. We have started 6th Batch with 20 candidates from Feb 2018. It is a 200 Hrs. course, syllabus contains Photoshop, Flash, HTML, CSS, PHP & MySQL. It is useful for Students and Entrepreneurs for getting job. Certificates jointly issued by NILEIT Chennai & TNSDC are awarded to students after assessment.



NIELIT CHANDIGARH

NIELIT CHANDIGARH IS CELEBRATING ITS 40TH GLORIOUS YEAR OF FOUNDATION

NIELIT Chandigarh's IETE Building inaugurated : NIELIT Chandigarh started its activities from IETE Building Chandigarh. Shri Rajiv Kumar, Director General, NIELIT and Joint Secretary, Ministry of Electronics and Information Technology, Government of India, inaugurated premises of NIELIT Chandigarh at IETE Building, Sector 30B, Chandigarh in the presence of Guest of Honor, Shri R.K.Sinha, Director, CSIR-CSIO, Chandigarh, Shri M.M.Sharma, Executive Director, NIELIT Chandigarh, Shri Janak Raj, Registrar, NIELIT and other Dignitaries.

CENTRE OF EXCELLENCE

NIELIT Chandigarh becomes First Centre of Excellence in India for Embedded System Design & Simulation certified by Lab-center Electronics Ltd - United Kingdom.



ONE WEEK WORKSHOP ON BIG DATA ANALYTICS

5-day workshop on BigData Analytics using Hadoop is conducted for B.Tech students of DAV Institute of Engg & Tech, Jalandhar from 5th March, 2018 to 9th March, 2018 by Dr Manish Arora, Additional Director and Ms. Anita Budhiraja, Joint Director of NIELIT Chandigarh.



ONE DAY SEMINAR ON E-GOVERNANCE

Dr. Manish Arora, Additional Director, NIELIT Chandigarh delivered a lecture on 'e-Governance- its role in Improving the Efficiency in Higher Educational Institute' during five days training program on 'e-Governance and



INFORMATION SECURITY WORKSHOPS

NIELIT Chandigarh and SeMT/ISMO (State e-Governance Mission Team/ Information Security Management Office), Haryana jointly organized awareness workshop on Digital Payments and Information Security in Panipat, Karnal, Sonapat and Ambala which were conducted by Shri Raminder Singh, Joint Director, NIELIT Chandigarh.



ONE WEEK WORKSHOP ON IOT

5-day Workshop on Internet of Things was conducted for B.Tech students of DAV Institute of Engg & Tech, Jalandhar from 5th to 9th March, 2018, by Dr. Sarwan Singh, Deputy Director and Mr Manik Kalsi, Technical Officer of NIELIT Chandigarh.



Green Technology Entrepreneurship for Technical Institutes' organized by National Institute of Technical Teacher Training and Research, Chandigarh (NITTTR) through video conference. Staff members of Technical institutes from five different locations participated in the lecture.



NIELIT CHANDIGARH AND GANGTOK

TRAINING OF GOVERNMENT OFFICIALS OF PUNJAB AND HARYANA ON E-WASTE

NIELIT organized a Training Program on e-Waste for Government Officials on 21st February, 2018 at NIELIT, Sector 30-B, Chandigarh. Around 60 Government Officers of Punjab, Haryana and Chandigarh benefited from the Training Program which was conducted by Pollution Control Officers and PGI Professor of Environment. Also, e-Waste and Solid Liquid Waste Management workshops were organised at NIELIT Mohali and Chandigarh Campuses for the staff and students. Ms Sukhmani Kaur, Asstt Prof, Department of Environment delivered the lecture on 15th February 2018.



INTRA NIELIT 5 DAYS WORKSHOP

NIELIT organized five days workshop on "Embedded System Design using Proteus VSM Software". Participants from NIELIT family (NIELIT Delhi, NIELIT Shimla, NIELIT BO Delhi, NIELIT Haridwar, NIELIT Kurukshetra, NIELIT Aizawl) and Chandigarh with students attended the workshop.



ONE WEEK WORKSHOP ON ELECTRONIC CIRCUIT DESIGN & DEVELOPMENT USING ORCAD

One week workshop on Electronic Circuit Design & Development using OrCAD for Govt. Polytechnics under Directorate of Technical Education, Government of Haryana from 1-5 January, 2018. 32 students attended the workshop.



CYBER SECURITY ONE DAY WORKSHOPS IN ENGINEERING COLLEGES

Shri Raminder Singh, Joint Director, NIELIT Chandigarh conducted one day seminar/workshop in Cyber Security for the B Tech and MCA students of Chandigarh College of Engineering and Chandigarh University.

INAUGURATION OF THE TRAINING PROGRAM AT NIELIT, GANGTOK

NIELIT Gangtok conducted training of Sikkim Government employees under DoNER sponsored project for training of 50,000 State Government personnel of North East India on "Information Technology and Digital Services (including Digital Payments and GST)". The first batch of training commenced from 18th January 2018 with 25 employees nominated by Rural Management



Inauguration of the training program at NIELIT Gangtok by Shri Kapil Basnet, Secretary, DoPART/PRC, Government of Sikkim in the presence of Shri Arup Chattopadhyay, Director-in-Charge, NIELIT Gangtok

and Development Department (RMDD), Govt. of Sikkim at NIELIT Gangtok office in Sichey, Gangtok. The Training Program at NIELIT, Gangtok was inaugurated by Shri. Kapil Kumar Basnet, Secretary, DoPART/PRC, Government of Sikkim who encouraged the participants to take full advantage of the Training Program being organized by NIELIT Gangtok. It is planned to train 667 Nos. of Sikkim Government employees under the above initiative over a period of 3 years.



Participants during the lab sessions

CAPACITY BUILDING OF GOVERNMENT EMPLOYEES ON 'E-WASTE' THROUGH 1-3 DAY TRAINING PROGRAM, IN PHASE-II UNDER 'DIGITAL INDIA' INITIATIVE

NIELIT Gangtok conducted training of Sikkim Government officials towards **Capacity Building of Government Employees on 'e-Waste' through 1-3 Day Training Program (Phase-II), under 'Digital India' initiative** sponsored by Ministry of Electronics and IT (MeitY), Government of India. The training was initiated on 21st February 2018 with 25 officials of Government of Sikkim Departments by NIELIT Gangtok at its Gangtok office. The training was inaugurated by Shri Arup Chattopadhyay, Director-in-Charge, NIELIT Gangtok who encouraged the participants to take maximum benefit out of the training and spread awareness about 'e-Waste' and the hazardous impacts of 'e-Waste'. The training was further imparted by Shri Khagendra Sharma, Scientist C, NIELIT Gangtok.



Trainees of the 'e-Waste' Awareness program with the officials of NIELIT Gangtok after completion of the training



NIELIT DELHI

NIELIT DELHI DEVELOPED BILINGUAL WEBSITE FOR THE NATIONAL COUNCIL FOR PROMOTING SINDHI LANGUAGE (NCPSL)

NIELIT Delhi has created a bilingual website for the National Council for Promoting Sindhi Language (NCPSL). Website has additional feature of e-learning and Digital Library module. Digital Library module can be used by anyone and user can see the books in PDF formats. There is also a feature of linking audio books or video books. External links can be uploaded related to books on the website and user can see the images and photo gallery of the books. All these features are controlled by the administrator of the website by using valid credentials. In e-Learning user can read all the books by user without authentication but downloading ability is controlled by administrator.



NIELIT DELHI SIGNED AGREEMENT WITH DGCA FOR PROVIDING SUPPORT SERVICES IN CONDUCTING ONLINE EXAMINATIONS.



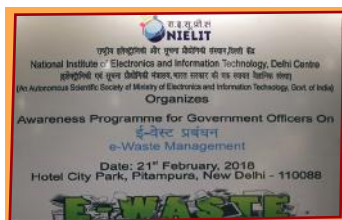
NIELIT Delhi signed an agreement with DGCA for providing support services in conducting various Online Examinations. The agreement was exchanged between Shri Ravi Krishna, DDG, DGCA and Shri Shameem Khan, Director-in-Charge, NIELIT Delhi in the presence of Shri B.S. Bhullar, Director General, DGCA.

DESIGNING OF BILINGUAL WEBSITE FOR DELHI DIALOGUE AND DEVELOPMENT COMMISSION (DDCD)

NIELIT Delhi has designed and developed another bilingual website for Delhi Dialogue and Development Commission (DDCD) which is an initiative by the Delhi government to initiate and facilitate a dialogue between the people of Delhi and the government towards a clean, green, safe and corruption free city. In this website a platform is provided which have feature like dialogue forum where common people can interact & discuss on a particular topic. They can also represent their thoughts and ideas in form of proposal on the website portal.



ई-वेस्ट प्रबंधन पर जागरूकता संबंधी प्रशिक्षण कार्यक्रम



दिनांक 21 फरवरी 2018 को पूर्वाह्न 10 बजे इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय के निदेशानुसार होटल सिटी पार्क, पीतमपुरा, नई दिल्ली में ई-वेस्ट प्रबंधन पर जागरूकता संबंधी प्रशिक्षण कार्यक्रम का आयोजन किया गया। इसमें दिल्ली सरकार, केंद्र सरकार, तथा नाईलिट दिल्ली के लगभग 100 वरिष्ठ अधिकारियों ने भाग लिया। इस प्रशिक्षण में प्रतिष्ठित वक्ताओं ने भाग लिया तथा ई-वेस्ट प्रबंधन के विषय में महत्वपूर्ण जानकारी दी। मुख्य वक्ताओं में डा० आशीष चतुर्वेदी, निदेशक क्लाइमेट चेंज/जलवायु परिवर्तन, (भारत जर्मनी संयुक्त परियोजना) तथा डा० सिराजुद्दीन अहमद, प्रोफेसर जामिया मिलिया इसलामिया, नई दिल्ली ने ई-वेस्ट की उत्पत्ति से जीवन के अंत तक की प्रक्रिया के विषय में अवगत कराया तथा ई-वेस्ट का विधिवत निपटारा किस प्रकार किया जा सकता है,

इससे भी अवगत कराया। नाईलिट दिल्ली केंद्र के प्रभारी निदेशक श्री शमीम खान ने अपने सम्बोधन में इस विषय पर गंभीरता से चर्चा करने तथा कार्यान्वयन को व्यावहारिक रूप देने की आवश्यकता पर बल दिया। वर्ष 2016 में ई-वेस्ट प्रबंधन पर सरकार द्वारा बनाए गए नियमों की विस्तारपूर्वक जानकारी दी गई, एवं इस बात पर भी रोशनी डाली गई कि विधिवत रूप से इसका निपटारा न करने पर न केवल मनुष्य जाति बल्कि वातावरण के लिए भी यह समस्या कितना भीषण रूप ले रही है। सरकार तथा केंद्रीय एवं राज्य प्रदूषण नियंत्रण बोर्ड (सी पी सी बी) द्वारा प्रमाणित संग्रह केन्द्रों (selection centres) की भी जानकारी दी गई जो ई-वेस्ट का विधिवत निपटारा करती है। अंत में खुला मंच का आयोजन किया गया, जिसमें उपस्थित अधिकारियों की शंकाओं का निवारण किया गया।



NIELIT DELHI

LAB VISIT OF STUDENTS AND PROFESSORS FROM UNIVERSITY OF SCIENCE & TECHNOLOGY (USTM) AT NIELIT DELHI



A group of 10 students pursuing B.Sc. in Electronics and M.Sc. in Electronics along with Dr. Anup Kumar Bordoloi, Asstt. Professor and Ms Rishiparna Choudhury, Asstt. Professor from the Department of Computer Science & Electronics, University of Science and Technology

(USTM), Meghalaya, visited NIELIT Delhi on 12th January 2018. Smt. Kanchan Rani, Jt. Director, welcomed them and introduced about NIELIT and its activities.

Three sessions were organized for the students to give them glimpse of new technology like Internet of Things (IoT), Embedded System and Arduino development boards. Electronics Projects were demonstrated to the students in the Lab. Dr. Anup Kumar Bordoloi, on behalf of USTM, awarded token of appreciation to Sh. Shameem Khan, Director-in-Charge and all faculties of NIELIT Delhi.



TRAINING OF FOREIGN DELEGATES ON CLOUD COMPUTING



NIELIT Delhi conducted a 3 days' workshop on "Cloud Based Content Management and Distribution" from 15th to 17th Jan 2018 at National Academy of Broadcasting and Multimedia (NABM),

New Delhi, Ministry of Information & Broadcasting, Government of India. Workshop was attended by Broadcast Engineers

from neighboring countries like Bhutan, Nepal, Sri Lanka, Malaysia, Vietnam, Afghanistan, Myanmar etc. Dr. Manish Kumar Arora, Additional Director, NIELIT Chandigarh and expert from Amazon Web Services Educate Program were invited to deliver lectures on Cloud Computing.



TRAINING OF DEFENCE PERSONNEL SPONSORED BY DIRECTORATE GENERAL OF RESETTLEMENT (DGR), DEPARTMENT OF EX-SERVICEMAN WELFARE, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA

The Directorate General Resettlement (DGR) is an inter service organization functioning directly under Department of Ex-serviceman Welfare, Ministry of Defence, Government of India. DGR assist Ex-Serviceman to train and acquire additional skills and facilitate their resettlement through a second career.

NIELIT Delhi has successfully completed two



batches of training of Defence Personnel on NIELIT "IT O" Level and NIELIT "CHM O" Level courses of about 5 month duration each. About 80 participants attended the course in these two courses. Sh. Shameem Khan, Director-in-Charge distributed participation Certificates to all candidates and felicitated them on completion of their training.

CONFERENCE ON CISCO NETWORKING AT NOIDA THROUGH NIELIT DELHI

2018 Cisco Networking Academy Instructor Conference – India was held on 8th-9th February, 2018 at Noida. Ms Damandeep Kaur, Technical Officer and Smt. Shaweta Sharma, Deputy Director, Faculties for CISCO courses at NIELIT Delhi, have been recognized and awarded as Advanced Level Instructor

for the years 2015 and 2016. This award recognizes their achievements as one of the top 25 percent of instructors globally in student feedback and performance and as a result of their accomplishments and contributions to Cisco Networking Academy.

हिन्दी कार्यशाला

दिनांक 06 मार्च 2018 को संस्थान में तिमाही हिन्दी कार्यशाला का आयोजन किया गया। इस कार्यशाला में हिन्दी कार्यपालक द्वारा तथा संयुक्त निदेशक श्री भारत भूषण दुआ द्वारा राजभाषा नियमों पर चर्चा की गई तथा जानकारी दी गई। प्रभारी निदेशक श्री शमीम खान द्वारा भी हिन्दी संबंधी मार्गदर्शन किया गया। अंत में श्रीमती अल्पना अग्रवाल संयुक्त निदेशक एवं नामित राजभाषा अधिकारी द्वार धन्यवाद ज्ञापन के साथ कार्यशाला समाप्त हुई।

कार्यशाला की झलक :

संस्थान की तिमाही गृह पत्रिका हिन्दी वाणी (अक्तूबर से दिसम्बर 2017 अंक) 01 मार्च 2018 को प्रकाशित हुई। इसका वितरण दिल्ली केंद्र में सभी अधिकारियों तथा देश

में स्थित सभी नायिलिट केन्द्रों में किया गया। पत्रिका की विशेषता यह रही की इसमें मनोरंजन सामग्री के साथ ही तकनीकी लेखों को भी इसमें स्थान दिया गया। संस्थान के सभी अधिकारियों/कर्मचारियों ने इसकी सराहना की।

राजभाषा कार्यान्वयन समिति की तिमाही बैठक का दिनांक 12 मार्च 2018 को आयोजन किया गया। बैठक में सभी समिति सदस्यों ने भाग लिया तथा हिन्दी का प्रयोग बढ़ाने पर तथा कार्यान्वयन में आने वाली कठिनाइयों तथा उनके निवारण पर चर्चा हुई। प्रभारी निदेशक महोदय द्वारा हिन्दी का प्रयोग बढ़ाने के लिए हर संभव सहयोग का आश्वासन दिया गया।



NEW CENTRE AT BHUBANESWAR

The NIELIT Bhubaneswar is established in Odisha in eastern India to provide work skills training to young people, including women and members of disadvantaged groups. The project will help trainees to learn skills in priority sectors of IECT including electronic design and manufacturing, and information security and related services. About 80% of the state's youth workforce is employed in the informal sector because of low skills. NIELIT will empower them through training in digital literacy programmes by itself and its training partners like Accredited Institutes and Facilitation Centres. The newly established centre at Bhubaneswar operating from OCAC Tower, Acharya Vihar has undertaken 13 awareness workshops/ programmes/ seminars.

Awareness Programme on e-Waste was organized with NIELIT Kolkata for about 100 employees of Prasar Bharti, Directorate of Higher Education, Powergrid, Odisha Mining Corporation, OCAC, officers of Collectorate Puri and officers of Collectorate Bargarh. Similarly programme on e-Waste was also organized with NIELIT Kolkata for general public at the Bookfair Bargarh, and students at Womens College and Anchal College, Padampur and Mandoshil College, Mandoshil.

On the occasion of Swachha Bharat Pakhwada, programmes on e-Waste were organized at the office premises of NIELIT Bhubaneswar and at the Accredited Institutes namely NIAT,



CDAC and EDUTECH located at Bhubaneswar for about 200 students. Quiz and Painting competitions were conducted and prizes were distributed.

On 19th March 2018, an Awareness workshop on Information Security sponsored by C-DAC Hyderabad under ISEA programme of MeitY, was organized at Imperial college, Bargarh- 106 students participated in this programme. Also on 21st and 22nd March 2018, similar workshops were conducted at CIIL, Sundargarh in which 120 entrepreneurs and students participated and at Collectorate Sundargarh, 66 government employees availed the benefit of the programme. In all the programmes, Quiz competitions were conducted and prizes were distributed to the winners.

EXTENDING IT SUPPORT TO NDMC

NIELIT Delhi has been providing various IT support services to New Delhi Municipal Council (NDMC) since last more than 18 years. In order to further strengthen the association of NIELIT and NDMC, Shri Naresh Kumar, IAS, Chairman, NDMC visited NIELIT Delhi. Shri Shameem Khan, Director-in-Charge welcomed the Chairman and apprised him about various activities being taken up by the NIELIT Delhi.



NIELIT DELHI ON ALL INDIA RADIO



NIELIT Delhi Officers participated in a Live Phone-in program of All India Radio (FM Gold) on 18th March 2018 and shared skill development activities of NIELIT and various Digital Initiatives of Ministry of Electronics and Information Technology (MeitY), GoI. A number of people from all over the Country called to enquire about various skill development courses in the field of Electronics and Information Technology. Shri Shameem Khan, Director-in-Charge, NIELIT Delhi and Ms. Sheetal Chopra, Joint Director, NIELIT Delhi talked in detail about various skill development programs and schemes of Ministry of Electronics and IT launched for the benefit of women and Tribes.



HIGHLIGHTS FROM HQ

OPENING OF D-LINK ACADEMY: GLOBAL CENTRE OF EXCELLENCE AT NIELIT CENTRES



NIELIT has signed a MoU with M/s D-Link (India) Limited on 14th March, 2018, on cooperation in the field of skilling manpower. The MoU aims at setting-up of Networking Labs, free of cost at designated NIELIT Centres to provide training to trainers of NIELIT faculty in D-Link Certified Specialist (DCS) course. The collaboration between NIELIT and D-Link will benefit the students, job seekers & professionals, who want to enhance their knowledge and employability in networking field.

It will help users to learn the most about cutting-edge technology across Switch, Security, Wireless, Storage, and IP Surveillance. Candidates will also have the opportunity to gain practical knowledge via. Hands on practice.

ROLL OUT OF NSQF ALIGNED SKILL DEVELOPMENT COURSES

NIELIT has emerged as a front-runner for aligning its 75 Skill Development courses (43 in Electronics and 32 in Information Technology), with National Skill Qualification Framework (NSQF).

In order to roll-out the NSQF aligned courses and also to develop a business model to allow other training institutes (in IT & Electronics) to conduct these training programmes, NIELIT has come out with detailed guidelines allowing Training Partners to tie-up with NIELIT to run NSQF aligned courses.



NEW/UPCOMING COURSES @ NIELIT CENTRES



COURSE	Advanced Diploma in Artificial Intelligence
ELIGIBILITY	Engineering graduates (CS/IT/EC) / Diploma or Degree holders with experience in IT
DURATION	12 Weeks
DATE OF COMMENCEMENT	07-May-2018

COURSE	Advanced Diploma in Information System Security – Level-II
ELIGIBILITY	B.Tech. (CS/IT/Electronics/Electrical/Instrumentation) / Graduate in CS/Electronics/IT with mathematical background/ Diploma in IT/Electronics/ECE Passed OR NIELIT 'A' Level
DURATION	12 Weeks
DATE OF COMMENCEMENT	25-Jun-2018

COURSE	Advanced Diploma-PLC/SCADA/DCS Engineer
ELIGIBILITY	BE/B.Tech /Diploma in Electrical/ Electronics/ Electronics & Communication/Instrumentation/ Industrial electronics/ Chemical Engineering/ Applied Electronics and Instrumentation/ Instrumentation & Control/ Mechatronics / Computer Science / M.Sc in Electronics/ Instrumentation/ Industrial electronics.
DURATION	12 Weeks
NSQF Level	5
DATE OF COMMENCEMENT	28-May-2018

COURSE	Certificate course in Mobile Hardware and Architecture
ELIGIBILITY	M.E./M.Tech (Passed out or final Year students) or B.E./B.Tech (Passed out or final Year students) in Electronics/ Electronics & Communication/ Electrical/ Electrical and Electronics/Instrumentation/ Biomedical /Computer Science/Information Technology or MSc. (Passed out or final Year students) in Electronics/ Instrumentation/ Computer Science/Information Technology or Diploma in Electronics/CS/IT/EEE/EI or BSc in CS/Electronics or MCA
DURATION	4 Weeks
DATE OF COMMENCEMENT	10-Apr-2018

COURSE	Certificate course in "Computer Aided Design using CREO"
ELIGIBILITY	B.E/B.Tech/Diploma/ in Mechanical, Production, Automobile, Tool & Die, Industrial engineering, Mechatronics, Electrical, Electronics and Allied branches
DURATION	4 Weeks
DATE OF COMMENCEMENT	23-Apr-2018

NIELIT OFFERS

NATIONAL SKILL QUALIFICATION FRAMEWORK(NSQF) ALIGNED COURSES

S.NO	COURSE NAME	NSQF LEVEL	S.NO	COURSE NAME	NSQF LEVEL
1	COURSE ON COMPUTER CONCEPTS (CCC)	3	38	Telecom Technician- PC Hardware and Networking	4
2	O level	5	39	Installation & Maintenance of Photocopiers and Printers	2
3	A Level	6	40	ESM - 1 Electronic Production Technician	4
4	B level	7	41	Certificate in Robotic Programming and Maintenance	4
5	C level	8	42	Automation Technology-Basic Level	4
6	Post Diploma in Electronics Product Design	6	43	ESD –1 Electronics Product Design Support Engineer	5
7	PG Diploma in IOT	7	44	ESM– 2 Electronic Product Supervisor	5
8	Certified Android Apps Developer	5	45	3 D Scanning and CNC Routing Engineer (Level 5)	5
9	Advance Diploma in Hardware, Networking & Information Security [ADHNS]	5	46	Additive Manufacturing /3D Printing	5
10	Diploma in Installation & Repair of Consumer Electronics Products	4	47	Automation Technology-Advanced Level	5
11	Certified Course in Web Designing	3	48	Embedded System Design using 8-bit Microcontrollers	5
12	Certificate course in Office Automation(CCOA)	3	49	Post Diploma in VLSI Design,Tools and Technology	5
13	Solar Power Installation, Operation and Maintenance	4	50	Diploma in Repair & Maintenance of Industrial Instrumentation &Automation System	5
14	Certificate Course in PC Assembly & Maintenance	3	51	Post Diploma in Repair and Maintenance of Hospital Equipment	5
15	Certificate Course in Linux, Apache, MySQL and PHP	5	52	PG Diploma in Industrial Automation System Design	8
16	Networking Specialist (NS)	6	53	Certificate Course in System Administration using Unix	6
17	Repair & Maintenance of Power Supply, Inverter & UPS	4	54	Certificate course in EMI and EMC for Electronic Product Design	6
18	Advance Diploma in Computer Application Accounting and Publishing	4	55	Certificate programme on system Verilog and UVM	7
19	Certificate course in Arduino based Embedded System Design	4	56	Certificate Course on Printed Circuit Board Design ,Analysis and Manufacturing Techniques	4
20	Diploma in Computer Hardware Maintenance (CHM - O Level) course	4	57	Advanced Diploma in Java Enterprise edition (JEE)	6
21	Advanced Diploma in Computer Hardware Maintenance and Networking (CHM – A Level) course	5	58	Certificate course in reliability	6
22	Certified Graphic Designer	5	59	Advanced Diploma in .Net Technology	6
23	Certified Audio Visual Designer	5	60	Certificate Course in Cyber Forensic	6
24	Certified 2D Animator	5	61	Certificate Course in VLSI Design	5
25	Certified Multimedia Developer	5	62	Advanced Diploma in Vlsi Physical Design Engineer	7
26	Diploma in Multimedia and Animation Technology (O Level)	5	63	P G Diploma in Embedded Real Time Systems	8
27	Advance Course in Web Application Development using LAMP.	7	64	P G Diploma in Software Technology	8
28	Certified Data Scientist	6	65	PG Diploma in VLSI & Embedded Hardware Design	8
29	Advance Diploma-PLC/SCADA/DCS Engineer	5	66	P G Diploma in Electronics System Design and Manufacturing	8
30	PG Diploma in Embedded System Design	6	67	Certification Course in Data Entry and Office Automation.	4
31	Repair & Maintenance of ECG and ICCU equipments	3	68	P G Diploma in Cloud Computing	8
32	Repair and Maintenance of Imaging Equipment (X-Ray & Ultrasound machine)	3	69	Advanced Diploma in Android Application Development	6
33	Repair & Maintenance of Dental Equipment	3	70	Certified Cloud Computing and Virtualization Expert	6
34	Certificate Course in Electronic Product Testing	3	71	Certificate Course in DSP using MATLAB	7
35	Assembly & Maintenance of Personal Computer	3	72	Certificate Course in Embedded System Design using ARM/Cortex Microcontroller	5
36	Solar-LED Lighting Product (Design and Manufacturing)	4	73	Advanced Diploma in Bigdata Analytics	7
37	Installation Repair and Maintenance of Home Appliances	4	74	Certificate course in CAD using CREO	5
			75	Certificate Course in System Administration using Linux	5

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