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NIELIT

QUARTERLY NEWSLETTER

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Shri Ravi Shankar Prasad, Hon'ble Union Minister (E&IT, L&J) lighting the lamp in presence of Shri Sanjiv Mittal, JS, MeitY, Dr. Ashwini Kumar Sharma, DG, NIELIT and Shri Praveen Khandelwal, Secretary General of CAIT and other dignitaries

FROM THE DESK OF DIRECTOR GENERAL

Dear Readers,

A new 'India' is taking shape. Citizens from diverse backgrounds are resolving to create a new India that provides opportunities for all to flourish. The strength of the poor and the aspirations of the middle class are taking India to new heights.

Youth are the biggest contributor to India's development and if they are equipped with the right skills, they can be placed on the path of progress irrespective of the place they may choose as their *karmabhoomi*. Today, India is sitting on a goldmine of raw talent waiting to be nurtured and added to the growing human resource pool. Both public and private sectors have to rise to the task of equipping the youth with specialised training, making them employable in the job market, ensuring there is no mismatch between demand and supply in the coming years.

The Government has introduced many path-breaking initiatives – Digital India, Make-in-India and Skill India - which are also aimed towards creation of employment opportunities and entrepreneurship with the help of key stakeholders, resulting in emergence of small and micro enterprises. The Government has also formulated many skill development schemes and programmes, focusing on various sectors with emphasis on placements and employability, and these schemes are being implemented through various Ministries/ Departments linked to the concerned sector. NIELIT – the HRD arm of the Ministry of Electronics and IT (MeitY) is committed towards further enhancement of capacities to cater to the burgeoning demands.

As per the recent revision in 'Allocation of Business Rules', MeitY has also been delegated with the activities pertaining to "Promotion of Digital Transactions including Digital Payments". NIELIT has also been awarded a project by MeitY under which NIELIT is conducting training programmes for self organized small/ medium traders to understand and adopt simplified digital payment mechanisms like UPI, USSD, BBPS, AEPS etc. In this regard, 35 Workshops and 100 DigiDhan Camps are being organized all over India. The nation-wide campaign was inaugurated by **Shri Ravi Shankar Prasad, Hon'ble Minister (E&IT, L&J)** on March 4, 2017 at Delhi. The Hon'ble Minister has called for a national movement to make digital transaction a way of life for all sections of the society.

To take forward the growth story that the NIELIT team has scripted together in recent times, the 20th Meeting of NIELIT Centre Directors titled "पहल से लक्ष्य की ओर" was organized on 24th and 25th January 2017 at Jaipur. The Meeting assumed greater significance, as it was inaugurated by **Shri P.P. Chaudhary, Hon'ble MoS (E&IT, L&J)** in the august presence of **Smt. Aruna Sundararajan, Secretary, MeitY and Shri Sanjiv Mittal, Joint Secretary & GC (HR), MeitY**. This issue of the newsletter covers details of these programmes as also many other pioneering initiatives that NIELIT has undertaken in the previous quarter.

To tap the potentials of a new paradigm that addresses the skilling needs of young India's neo literates, the need for metamorphosing NIELIT into a Digital Technology Skills University is being examined. This would perhaps be a first-of-its-kind in the country structured on the ideals of 'Antyodaya' that translates to uplifting the weakest sections and service to the last person in the queue.

DR. ASHWINI KUMAR SHARMA

NOTEWORTHY EVENTS

JOINT SECRETARY, MEITY REVIEWS NIELIT NORTH-EAST CENTRES



Seen in the picture (from left to right) are Shri Sanjiv Mittal, Joint Secretary, MeitY; Dr. Ashwini Kumar Sharma, DG, NIELIT and Shri T.P. Singh, Executive Director, NIELIT Imphal during NEPSRG the review meeting

On February 23, 2017, the 4th Project Review & Steering Group (PRSG) of the project “Development of NE region by enhancing Training/Education capacity in the IECT area” was held under the Chairmanship of Shri Sanjiv Mittal, Joint Secretary, MeitY at Kolkata, West Bengal. The Chairman reviewed the Technical and Financial status of the project. The meeting was attended by Dr. Ashwini Kumar Sharma, DG, NIELIT and Executive Director/Director-in-Charge of North East NIELIT Centres besides senior officials of MeitY, NIELIT HQ and NIELIT Centres.

In order to empower North-East India through capacity building and skill development in IECT, this project seeks to undertake setting up of 10 new Extension Centres and upgradation of the existing infrastructure of 6 NIELIT Centres and 2 Extension Centres in the North-Eastern Region. | ANURAG GUPTA

PRSG MEETING OF NIELIT AJMER



Shri Sanjiv Mittal, JS, MeitY chairing the Project Review and Steering Group Meeting of NIELIT Ajmer. Also seen in the picture are Dr. Ashwini Kumar Sharma, DG, NIELIT and Shri Anil Kumar Pipal, HoD, HRD, MeitY

The PRSG meeting for the project “Setting-up of NIELIT Centre at Ajmer” was held on January 23, 2017 under the Chairmanship of Shri Sanjiv Mittal, Joint Secretary, MeitY at Jaipur, Rajasthan and was attended by Dr. Ashwini Kumar Sharma, Director General, NIELIT; Shri Anil Kumar Pipal, HoD, HRD, MeitY, and Senior Officials of NIELIT Centres/HQ. The Chairman reviewed the Technical and Financial status of the project and expressed satisfaction on overall progress of the Project.

NIELIT INKS PACT WITH IIT, ROPAR

NIELIT has signed a MoU with IIT, Ropar to foster collaboration, provide opportunity for global experience and to facilitate the advancement of knowledge on the basis of reciprocity, best effort, mutual benefit and frequent interactions. Dr. Ashwini Kumar Sharma, Director General, NIELIT and Prof. Sarit Kumar Das, Director, IIT Ropar have signed the MoU on March 6, 2017 in Ropar. Commenting on this development, Dr. Sharma said that the initiative would facilitate exchange of know how between NIELIT and IIT, Ropar to launch skill oriented tailor made courses in line with the Government of India’s vision of ‘Skill India’, ‘Digital India’ and ‘Make in India’. The MoU would pave the way for partnership of collaborative consulting and research projects between NIELIT and IIT, Ropar besides sharing of network and infrastructure resources.

| DEEPAK WASAN



Dr. Ashwini Kumar Sharma, Director General, NIELIT and Prof. Sarit Kumar Das, Director, IIT Ropar signing the MoU

SECRETARY, MEITY REVIEWS NIELIT SHIMLA

Smt. Aruna Sundararajan, Secretary, MeitY and other senior officials of MeitY visited NIELIT Shimla Centre on March 12, 2017 in order to review various capacity building and skill development activities running in the Centre. She was briefed about the activities related to training, facility management and other sponsored projects conducted by the Centre. She held discussions with senior officials of NIELIT Shimla Centre and provided valuable guidance over training activities and other projects. Smt. Aruna Sundararajan appreciated the efforts put in by the Centre on launching of new initiatives for building sustainable capacity for the youth of the region.

| PRATIYUSH GULERIA



Smt. Aruna Sundararajan, Secretary, MeitY reviewing capacity building activities of NIELIT Shimla Centre

NIELIT MANAGEMENT BOARD



15th Meeting of NIELIT Management Board under the Chairpersonship of Smt. Aruna Sundararajan, Secretary, MeitY in progress

The 15th Meeting of the Management Board of NIELIT was held on January 17, 2017 under the Chairpersonship of Smt. Aruna Sundararajan, Secretary, Ministry of Electronics and Information Technology (MeitY). The meeting was also attended by Ms. Anuradha Mitra, Additional Secretary & Financial Adviser, MeitY, Shri Sanjiv Mittal, Joint Secretary & Group Coordinator (HRD), MeitY, Shri R.P. Pradhan, Director, MeitY, Shri A.K. Pipal, Director (HRD), MeitY, Dr. Sandhya Chintala, Vice President NASSCOM and other Members, besides senior NIELIT Officials. Dr. Ashwini Kumar Sharma, Director General, NIELIT presented a detailed presentation on physical and financial growth of NIELIT. The Board appreciated the efforts being put up by NIELIT and the growth it has achieved in the recent times. Many key issues were discussed in the meeting such as implementation of Smart Classroom Project, Alignment of NIELIT courses with NSQF, development and implementation of Online Integrated Student Lifecycle Management System, etc. | JANAK RAJ

ACADEMIC ADVISORY COMMITTEE MEETING

The 2nd Meeting of the Academic Advisory Committee (AAC) of NIELIT was held under the Chairpersonship of Prof. (Ms.) Gitika Kapoor, R.A. Podar Institute of Management, University of Rajasthan on February 16, 2017 at New Delhi. The Committee recommended constitution of an Exam Board taking into account the diversification of examination activities which includes examination of O/A/B/C and Digital Literacy Courses, third party assessments, recruitment examinations etc. Other issues such as the process of selection of members for the Moderation Board (Paper / Exam Wise) for the nationwide examinations conducted by NIELIT, modular e-Certificate for NIELIT O, A, B, C Level courses etc. were deliberated at the meeting. | G SREEDEVI



2nd Meeting of Academic Advisory Committee under the Chairpersonship of Prof. (Ms.) Gitika Kapoor, in progress

ANOTHER FEATHER IN CAP!

NIELIT was bestowed with the prestigious India Pride Award for Excellence in India Image Enhancement by the Danik Bhaskar Group, which was received by Dr. Ashwini Kumar Sharma, Director General NIELIT on March 27, 2017 at Hotel Ashok, New Delhi. The Award was presented by Shri Manoj Sinha, Hon'ble MoS (Telecom) (I/C) and MoS (Railways), Government of India. The Award ceremony was also graced by Shri Nitin Gadkari, Hon'ble Minister (Road, Transport & Highways), Government of India.



FINANCE & ACCOUNTS COMMITTEE



34th Meeting of Finance & Accounts Committee under the Chairmanship of Dr. Ashwini Kumar Sharma, Director General, NIELIT in progress

The 34th Meeting of the Finance & Accounts Committee (F&A) of NIELIT was held on 28th February, 2017 under the chairmanship of Dr. Ashwini Kumar Sharma, Director General, NIELIT. Ms. Anuradha Mitra, Additional Secretary & Financial Advisor, MeitY, Shri A.K. Pipal, Director & HoD (HRD), MeitY, Shri R.P. Pradhan, Director, MeitY, Shri Rajeev Talwar, CFO, NIELIT, Dr. M.M. Sharma, Executive Director, NIELIT Chandigarh, Shri Janak Raj, Registrar, NIELIT, Shri Arup Chattopadhyay, Additional Director, NIELIT Kolkata, Shri B.N. Choudhury, Additional Director (P&A), NIELIT, Shri Shameem Khan, Joint Director, NIELIT, Shri Himanish Roy, Joint Director(F), NIELIT, Shri P.S. Johar, Financial Controller, NIELIT Centre, Chandigarh also attended the meeting. The F&A Committee appreciated the efforts made by NIELIT to further improve the financial health of the organization and expressed its satisfaction. | RAJEEV TALWAR

JOB FAIR AT SHIMLA



As a part of Placement Initiatives, a job fair was conducted at NIELIT Shimla Centre, Himachal Pradesh on February 21, 2017. Around 440 candidates from different districts of Himachal Pradesh participated in this job fair and around 232 candidates were selected and have got opportunity to work in different projects of Himachal Pradesh Government. Heartiest Congratulations to the shortlisted candidates! | PRATIYUSH GULERIA

CAPACITY BUILDING OF NAGALAND GOVERNMENT EMPLOYEES



Officials of Agricultural Department, Nagaland at the training session

NIELIT Kohima conducted one day training on e-Governance and Digital Payment for the employees of Agriculture Department, Govt. of Nagaland on March 9, 2017. 30 employees including the Director of the Agricultural Department, Shri Helie Rupreo attended the training programme. Similarly, on March 10, 2017, another training programme was conducted for the employees of Horticulture Department and Department of Fisheries, Govt. of Nagaland wherein 36 employees participated. The training programme will provide direct benefit to the government employees of Nagaland as they will be able to take part and propagate the mission of 'Digital India' to transform the ecosystem of public services through the use of information technology. | L. LANU

SKILLING OF WIRELESS POLICE OFFICERS IN HIMACHAL PRADESH

A five days training on Office Automation, Hardware and Networking for officers of Communication and Technology Services, Wireless Police, Himachal Pradesh was conducted by NIELIT Shimla at Kasumpti Center during February 13-17, 2017. This programme was aimed at imparting knowledge on office automation skills, hardware and networking fundamentals thereby preparing the Police Officers to be self-sufficient in maintenance of PC hardware, networking, common peripherals and also to ensure optimum utilization of Information and Communication Technology (ICT) in their offices. The training programme was highly appreciated by the officials and requested NIELIT Shimla to conduct more such training programmes with extended duration in future. | PRATIYUSH GULERIA



JOINT SECRETARY, MEITY, REVIEWS NIELIT KOHIMA



Shri Sanjiv Mittal, Joint Secretary, Ministry of Electronics & IT, Govt. of India visited NIELIT Centre Kohima on January 6, 2017. He was accompanied by Shri K.D. Vizo, Secretary, IT&C, Govt. of Nagaland and Shri Shiv Charan Singh, Additional Director, MeitY. Shri L Lanuwabang, Director I/C, NIELIT Kohima briefed about the activities and achievements of the Centre. Shri Sanjiv Mittal and his team reviewed the capacity building and skill development activities and appreciated the progress made by NIELIT Kohima. | L. LANU

NEWS FROM MANIPUR

WORKSHOP FOR TRAINING PARTNERS IN MANIPUR FOR ADOPTION OF BEST PRACTICES



Seen in the picture are (left-right) Shri Prof. Ch. Ibohal Meitei, Director CESD Manipur University. Shri T. Gunendra Singh, Addl. Director NIELIT Imphal, Shri Th. Prameshwor Singh, Executive Director NIELIT Imphal and Shri Y. Subashchandra Singh, Addl Director NIELIT Senapati

A one-day workshop on 'Capacity Building of NIELIT Training Partners' was held at NIELIT Imphal on January 13, 2017. Almost all Training Partners of NIELIT in Manipur attended the workshop.

Shri Prof. Ch. Ibohal Meitei, Director, CESD Manipur University. Shri T. Gunendra Singh, Addl. Director, NIELIT Imphal, Shri Th. Prameshwor Singh, Executive Director, NIELIT Imphal and Shri Y. Subashchandra Singh, Addl Director, NIELIT Senapati enlightened the participants about various methods of adopting best practices in the process of capacity building and skill development. | T. GUNENDRA

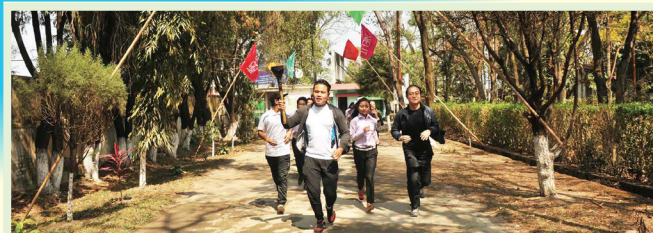
PRESIDENTIAL SPEECH THROUGH VIDEO CONFERENCING



President of India addressed the students and faculty members of central institution of higher learning and officer trainees at civil service academies through Video conferencing using NKN on 10th January 2017 at 12:30 pm. NIELIT Imphal also participated in the function.

ANNUAL SPORTS MEET 2017

Annual Sports Meet 2017 of NIELIT Imphal was held on March 9-10, 2017. Shri Kh. Rajen Singh, State Informatics Officer, NIC Imphal along with Shri Th. Prameshwor Singh, Executive Director, NIELIT Imphal inaugurated the event. A total of four houses was formed and various events were organised for the sports meet such as Volley Ball, Table-Tennis, Badminton, Race, Athletics etc. The students of NIELIT Imphal participated in various sports enthusiastically.



ONE DAY AWARENESS PROGRAMME ON MODEL CAREER CENTRE

A One Day Awareness Program on Job Counselling was conducted by the Model Career Centre, NIELIT Imphal at CC Higher Secondary School, Imphal on January 30, 2017. Speaking at the Program, Shri H. Rajendro Singh, Manager cum Counsellor of MCC NIELIT Imphal explained the aims and purpose of MCC to the participating students. He also added that Model Career Centre aims to empower youth with essential attitude and skill set, this platform gives the power to them to achieve their career goals in life. This initiative aims to provide a variety of employment related services with primary focus on Career Counselling. MCC also aims to provide complete guidance and counselling through self-assessments and insights into making right career choices. | T.P. SINGH



Shri H. Rajendro Singh, Manager cum Counsellor, MCC NIELIT Imphal addressing students

AWARENESS PROGRAMME IN SOLAR ENERGY TECHNOLOGY

NIELIT Imphal has organized many training programs on Solar Technologies. In this regard a training program on 'Energy Access Using RE Technology' was organised during December 26-28, 2016, which was sponsored by Ministry of New and Renewable Energy (MNRE). Also an awareness training programme was organized on 'Remote Village Electrification Using RE Technology' during January 4-6, 2017. Besides, a training programme on 'Mini and Micro Grid SPV System' was organized at Trade Centre, Moreh, Manipur during February 27 to March 1, 2017. A training programme was also organized during February 6-8, 2017 on 'Off-Grid Solar PV Technology'. | T.P. SINGH



Dr. Ashwini Kumar Sharma, Director General, NIELIT and Prof. Sarit Kumar Das, Director, IIT Ropar signing the MoU

THIRD PARTY RECRUITMENT EXAMINATIONS



IBPS CWE Clerk Mains Online Examination
(January 1, 2017).

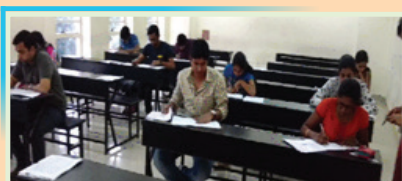


Minor Irrigation Department, Govt. of Manipur,
(January 2, 2017).



Public Health Engineering Department, Govt.
of Manipur, (January 4 2017)

Computer Skill Test for recruitment of Office Assistant cum Computer Operator/ LDC,



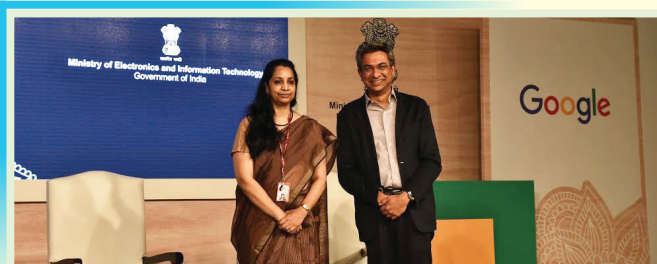
RECRUITMENT EXAM FOR MINISTRY OF ELECTRONICS & IT

NIELIT, on behalf of Ministry of Electronics and Information Technology (MeitY), has invited applications from eligible and qualified persons for the post of Scientist-B in MeitY, its attached offices and statutory organizations viz. Standardization, Testing and Quality Certification (STQC) Directorate and Indian Computer Emergency Response Team (ICERT). NIELIT Centre Delhi has conducted the written examination

of 7821 candidates for the said post at 15 locations across the country. The result of written examination was declared on January 20, 2017 and interviews for the shortlisted candidates are being conducted during 22-31 March, 2017. | V. S. SHEELA

NIELIT AND GOOGLE INDIA ARE JOINING HANDS!

NIELIT is in the process of entering into an agreement with internet giant - Google for rolling out courses to train about 1 lakh students in Android Application development. Google India will equip NIELIT with training modules and content. Collaboration with Google will be beneficial in harnessing capabilities of technology for the India Growth story. Google and NIELIT are also planning to roll out digital marketing training programs to train artisans across India in e-Commerce technologies, which would help them to broaden their market. In an event held at Delhi on March 23, 2017, **Smt. Aruna Sundararajan, Secretary MeitY** said that the Ministry of Electronics and Information Technology (MeitY) together with Google India is planning to undertake programs for enhancing the Government's Online presence, especially on Mobile Platforms with a view to enable citizen engagement and training and capacity building programs on Digital Tools. NIELIT is also planning to get its faculty trained as Master Trainers by Google India for the roll out of training programmes on Android Application Development. Commenting on the development, Dr. Ashwini Kumar Sharma, Director General, NIELIT said that synergy between NIELIT and Google India is a step in the right direction as collaborative efforts between a technological giant and a skilling and capacity building agency that has PAN India presence would greatly benefit the Indian youth. | SHAMEEM KHAN



Smt Aruna Sundararajan, Secretary, MeitY with Shri Rajan Anandan, MD
& VP, Google India

A WARM WELCOME TO EXECUTIVE DIRECTORS AT CHANDIGARH & AURANGABAD CENTRES!



Dr. Mahendra Mohan Sharma has taken charge as Executive Director, NIELIT Chandigarh Centre. Dr. Sharma is B.E. (Electrical Engineering), M.Tech. (Computer Technology, IIT Delhi) and Ph.D from MNIT Jaipur. His current area of research interest is microwave communication and his research papers have been published in many national & international journals. He has completed various administrative responsibilities successfully and has conducted short term courses and faculty development programmes. He is also a member of Board of Studies of various engineering institutions and Board of Management, Rajasthan Technical University Kota. NIELIT family extends a warm welcome to Dr. Sharma on his appointment.



Dr Sanjeev Kumar Gupta has taken charge as Executive Director, NIELIT Aurangabad Centre. Dr. Gupta is B.Tech (Computer Engineering), MS (Software Systems) from BITS, Pilani and Ph.D (Computer Engineering) from NIT, Kurushetra. He is a technocrat and an administrator par excellence and was earlier posted as Head of Technical Wing at NIELIT HQ. He has vast experience in Software Development, Capacity Building, Research Projects and conduct of national level examinations. His papers have been published in reputed national and international conferences and journals. We take this opportunity to heartily congratulate Dr. Sanjeev Gupta on his elevation as Executive Director of NIELIT Aurangabad Centre.

HIGHLIGHTS FROM NATIONAL CAPITAL REGION

ADOPTION OF BEST PRACTICES IN e-WASTE DISPOSAL

NIELIT Delhi Centre has conducted a workshop in e-Waste Management on February 15, 2017 for all technical and administrative staff of NIELIT Delhi. The session focused on proper disposal of waste of electrical and electronic equipment whole or in part. Categories of e-waste, Hazardous substance in WEEE and their impact on living beings were discussed. E-waste (Management) rules and policies of Indian government and extended purchaser responsibility and its implementation methodology were explained to all employees of NIELIT Delhi. | B.B. DUA



Shri B.B. Dua, Joint Director, NIELIT Delhi addressing the participants at the e-Waste Management workshop

CAPACITY BUILDING OF CENTRAL RESERVE POLICE FORCE

An extensive 30 days long training programme on Web Development Technology using DOT Net and C# was conducted during December 5, 2016 to January 11, 2017 by NIELIT Delhi for the officials/officers of CRPF. A total of 25 officials from CRPF participated in the training. The programme was aimed at Capacity building in the area of Software and Information Technology



Seen in the picture are Ms. Kanchan Rani, Deputy Director, NIELIT Centre Delhi with the training participants from CRPF

COMPUTER PROFICIENCY TEST FOR ASSISTANT PROVIDENT FUND COMMISSIONER

NIELIT Delhi successfully conducted Computer Proficiency Test for two batches of newly recruited Assistant Provident Fund Commissioner (APFC) of Pandit Deen Dayal Upadhyay National Academy of Social Security (PDUNASS) of Department of EPFO during their induction training programme. These officers are required to pass probationary Examination after this induction training in which one of the paper will be conducted on Computer Proficiency Test. The Course Director of PDUNASS highly appreciated the professional approach of Delhi Centre for conducting and evaluating the practical oriented test of APFCs. | SUSHIL SURANA

HANDS-ON LEARNING

Project work is integral to classroom teaching so as to ensure that students gain hands-on learning experience which is necessary for employability purposes. Some of the innovative technical projects undertaken by students of NIELIT Delhi Centre are as follows.

Packet switching - Based on 555 timer, Decade counter IC 4017, capacitor 10 microfarad with resistors 220ohms, 1K and 10K displaying the concept of transfer of packets between computer application layers in a network.

Guided media - Displays the concept of transmission guided media with LED display. The functionality of guided media is explained through its internal structure.

Topology with switching - Topologies are controlled by switch connected to the main supply and single circuit of LED which displays numbering i.e. 1,2,3,4.

Connectivity of routers - Relates to connectivity of routers in a computer network, helps in understanding connectivity in a networked environment.

Cloud storage - Describes the new upcoming technology of Cloud storage where the connectivity with various NIELIT centers is described using multiple virtual machines, a control center and internet.

Automatic Fan Controller - Based on automatic controlling of fan based on the temperature of the surrounding. It uses LM35 temperature sensor, a DC motor and 10 ohm resistor, Led and 12 power supply.

Heartbeat sensor with seven segment display using microcontroller - Based on interfacing heartbeat sensor with Atmel 8051 microcontroller and seven segment display. This sensor talks about the health of a person by displaying his/her heartbeat on seven segment display.

| KANCHAN RANI



NIELIT Students showcasing the project work undertaken by them

MOU WITH EDUCATION DEPARTMENT – JAMMU & KASHMIR

The School Education Department, Govt. of J&K held a presentation on 30-12-2016 in the Civil Secretariat, Jammu to show case the ICT initiatives taken with different agencies including NIELIT and ISRO. On that occasion, Ms. Mehbooba Mufti Sayeed, Hon'ble Chief Minister of J&K State inaugurated the GIS mapping of J&K Schools in the presence of Hon'ble Education Minister of the state. The mobile application has been developed by NIELIT J&K for Directorate of RMSA/SSA. As of now, GIS mapping of around 27,600 i.e 96%, Schools of J&K State has been achieved. The GIS application provides a strong Decision Support System through MIS. It also provides 3D panoramic view of the schools to visualise the infrastructure facilities available in the schools. Another web-based application to monitor the implementation of Vocational Training Programme developed by NIELIT J&K was also launched. The Hon'ble Chief Minister also interacted with students of around 20 schools through Video Conferencing. During all praise for smart-classrooms Schools. NIELIT also signed 4 Department on implementation of phase-II covering over 620 schools. This tribal belts also. The MoU on programme was signed on behalf by Shri Shaleen Kabra, (IAS), Education Department and Moon, Executive Director, NIELIT State Project Director, RMSA/classroom project with Dr. A.H. J&K. A separate MoU was also of Smart-Classroom to tribal areas in the J&K state. Officers of J&K State Government who attended the function includes Financial Commissioner, Agriculture Production, Shri Pramod Jain; Financial Commissioner, Planning & Development, Shri B. B. Vyas; Vice Chancellors of Jammu University and Central University of Jammu; Principal Secretary, Home, Shri R. K. Goyal; Commissioner Secretary, Education, Shri Shaleen Kabra; Commissioner-Secretary, Finance, Shri Navin Choudhary; Commissioner Secretary, Higher Education, Shri Asgar Samoon; Commissioner Secretary, PDD, Shri Dheeraj Gupta; Secretary, Tribal Affairs, Shri Saurav Baghat; SPD RMSA/SSA, Shri Saugat Biswas; Chairman BOSE, Shri Zahoor Ahmad Chat; Director, Information and Public Relations; Shri Shahid Iqbal Choudhary, Directors of School Education Department and other senior officers of the School Education Department. | A.H. MOON



ED, NIELIT Srinagar/Jammu Centre signing MoU with officials of School Education Department in the august presence of Ms. Mehbooba Mufti Sayeed, Hon'ble Chief Minister of J&K and other dignitaries.

interaction the students were developed by NIELIT J&K in 440 MoU's with School Education of e-Literacy Programmes and of smart-classroom project includes the schools set up in implementation of e-literacy of School Education Department Principal Secretary, School on behalf of NIELIT by Dr. A.H. J&K. Shri Saugat Biswas, (IAS), SSA signed the MoU's on smart-Moon, Executive Director, NIELIT signed for extending the facility

CAMPUS CONSTRUCTION OF NIELIT PATNA

A meeting of the Uniform Building Committee, NIELIT Patna was held on January 30, 2017 at Patna under the chairmanship of Shri Alok Tripathi, Director-in-charge, NIELIT, Patna. In the meeting, various issues pertaining to the construction of NIELIT's permanent campus at Bihta, Patna were discussed. The members of the Uniform Building Committee Team also visited to the construction site of NIELIT Patna at Bihta and tree plantation was carried out at the site. | ALOK TRIPATHI



Review of construction site by Uniform Building Committee at Bihta, Patna

CAPACITY BUILDING FOR EMPLOYMENT EXCHANGE OFFICIALS



A training program was organized on February 2-3, 2017 for Second Batch on NCS Portal for Bihar, Jharkhand and West Bengal Government Employment Exchange officials. 29 officials participated in the training program. The training program was conducted by Dr. Sanjeev Kumar Jha, Deputy Director and Sri Sarovar Kumar, Technical officer, NIELIT Patna and coordinated by Shri Yashwant Jha, IT officer and Shri Vinay Kumar, Technical Assistant, NIELIT Patna.

IMPLEMENTATION OF KUSHAL YUVA YOJNA OF BIHAR GOVERNMENT

NIELIT Patna Centre has been selected by Bihar Skill Development Mission to conduct Kushal Yuva Program under one of the seven point agenda programme –'Saat Nishchay' of the Hon'ble Chief Minister of Bihar. Under the project, skilling of the first batch was inaugurated by Shri Sanjay Aggarwal, IAS, D.M. Patna on December 15, 2016. Around 80 candidates are being trained in the first batch. | ALOK TRIPATHI



Shri Sanjay Aggarwal, IAS, D.M. Patna inaugurating the Kushal Yuva Program at NIELIT Patna

IN OTHER NEWS

INTERNAL CAPACITY BUILDING IN ADVANCED TECHNOLOGIES – IOT

NIELIT Calicut organized a 10 days Training Program on Internet of Things (IoT), as a part of the Internal Capacity building for NIELIT officials in Advanced Technologies at NIELIT Calicut during March 15-25, 2017. The training was inaugurated by Dr. Ashwini Kumar Sharma, Director General, NIELIT through Video Conferencing, who inspired the participants to present their best. 11 participants from 06 NIELIT Centres attended the course. The course covered topics like IoT Architecture, Sensors and Actuators, Cloud Platforms, Data Management & Analytics and the latest technologies of IoT. The Executive Director, NIELIT Calicut, Dr. M.P. Pillai addressed the participants and discussed measures to realize developmental goals and advised the participants to initiate activities in the areas of IoT in their respective NIELIT Centre's on return. The participants have been given exposure to other areas of specialization available at Calicut Centre. | DR. M.P. PILLAI



Dr. Ashwini Kumar Sharma, Director General, NIELIT addressing the participants through Video Conferencing



The participants were provided a glimpse of Kerala's Art Forms, Culture and its beauty after the class time.



Seen in the picture are Dr. MP Pillai, Executive Director, NIELIT Calicut and senior officers of NIELIT Calicut with the training participants of NIELIT Centres

NATIONAL SYMPOSIUM OF HEADS OF POLICE TRAINING INSTITUTIONS

The 35th National Symposium of Heads of Police Training Institutions was held on 23rd and 24th march, 2017 at Vigyan Bhawan, New Delhi. Dr. Ashwini Kumar Sharma, Director General, NIELIT was invited at the event to speak on the subject 'Digital Literacy Schemes offered by NIELIT'. Speaking at the event, Dr. Sharma highlighted various aspects of Digital India vision to transform India into a digitally empowered society and knowledge economy. He also shared the capacity building and skill development initiatives of NIELIT across the country, especially in rural areas. The event witnessed an engaging dialogue between industry and academia. | VIKAS MITTAL



SKILL DEVELOPMENT AT BARAMULLA, KASHMIR



NIELIT leaves no stone unturned to provide high level educational facilities wherever possible, at the nooks and corners of the country. In line with its mission, NIELIT along with soldiers of Chinar 9 Jawan club is providing Computer Literacy to skill and empower rural youth in the crucial place of Baramulla, Kashmir through its Short Term Courses such as Computer Hardware & Peripheral Repairs and Basic Computer Training. Till now, more than 190 students have been successfully trained under the initiative. | A.H. MOON

EXECUTIVE COMMITTEE MEETING OF NIELIT CENTRES



Dr. Ashwini Kr Sharma, DG, NIELIT chaired the EC Meeting of NIELIT Chandigarh on March 29, 2017 at Chandigarh



EC Meeting of NIELIT of Gorakhpur under Chairmanship of Dr. A.K.D. Dwivedi, ED was held on March 29, 2017



Dr. Y. Jayanta Singh, the newly appointed Director of NIELIT Kolkata Centre chaired the Kolkata EC Meeting on March 27, 2017

ON-BOARDING OF SMALL & MEDIUM TRADERS ON DIGITAL PAYMENT INITIATIVES



Shri Ravi Shankar Prasad, Hon'ble Minister (E&IT, L&J) delivering keynote address during launch of Training of Traders on Digital Payment Initiative

NIELIT has been assigned the responsibility of the project entitled 'On-boarding of self organized small and medium businesses / traders on digital payment initiatives' by the Ministry of Electronics and Information Technology (MeitY), Government of India. The objective of this project is to understand and adopt simplified digital payment mechanisms like UPI, USSD, BBPS, AEPS etc. in a convenient manner, which would contribute towards establishing digital economy and conveying the benefits of digital payments to traders through capacity building programs. Under the project, 5 Regional Workshops, 30 State Workshops and 100 DigiDhan Camps shall be organized all over India, targeting about 13500 small and medium size unorganized / self organized businesses/ traders (@ at least 100 Traders per workshop/camp).

The nation-wide campaign to launch the training programs was inaugurated by Shri Ravi Shankar Prasad, Hon'ble Minister (E&IT, L&J) in the presence of Shri Sanjiv Mittal, Joint Secretary, MeitY and other dignitaries on March 4, 2017 at Auditorium, SCOPE Convention Centre, SCOPE Complex, 7, Lodhi Road, New Delhi – 110 003. The dais was also shared by Dr. Ashwini Kumar Sharma, Director General NIELIT, besides Shri Praveen Khandelwal, Secretary General, CAIT and Shri Narendra Madan, President, Delhi Chapter, CAIT.



Dr. Ashwini Kumar Sharma, DG, NIELIT interacting with the media

In the inaugural ceremony, Dr. Ashwini Kumar Sharma, Director General, NIELIT outlined the details of the programme for training of traders on digital payment initiatives. Secretary General, CAIT, Shri Praveen Khandelwal, during the inauguration also said that the DigiDhan camps shall be organized in the market itself to digitally educate the shopkeepers and merchants. Shri Sanjiv Mittal, Joint Secretary, MeitY outlined the advantages of using digital payments as a medium for transaction, which would help the Government to achieve the objective of a less-cash economy.

In addition to this campaign, it was opined that MeitY along with Ministry of Finance can also consider for training programs on GST retrofitted with components on Digital Payment Initiatives.

In his keynote address Hon'ble Minister (E&IT, L&J) called for a national movement to make digital transaction a way of life for all sections of the society. He further said that "The objective of ushering in transparency in the system along with reducing corruption wave can only be achieved with evolved participation of all sections of the society." Hon'ble Minister further added, "The Hon'ble Prime Minister Shri Narendra Modi has resolved to work towards making India a digitally advanced country which serves as a role model for the developing world and the objective of reaching this goal has been vested with the Ministry of Electronics and Information Technology." For live demonstration and hands-on practical sessions, exhibits were also put up by Aadhaar and various Banks through SLBC. These exhibits also had the facility wherein a trader could undertake a live transaction to purchase a low denomination item (such as small packets of chips, biscuits etc ranging from Rs. 5 to Rs. 10 arranged by the banks/aadhaar) so that they can experience an actual transactions, resulting in greater confidence in the use of digital payment options. A Q&A session was also organized which was followed by a quiz and this session provided an insight into the competencies gained by trading community. On successful completion of the training programme, the traders were also issued a certificate of participation by NIELIT.

The Regional Workshop at Jaipur was scheduled on March 19, 2017 where Hon'ble MoS (E&IT, L&J) addressed the traders electronically. The next Regional Workshop at Mumbai has also been conducted successfully and other workshops in the different zones/ states have been planned.

| SANDEEP AHLAWAT



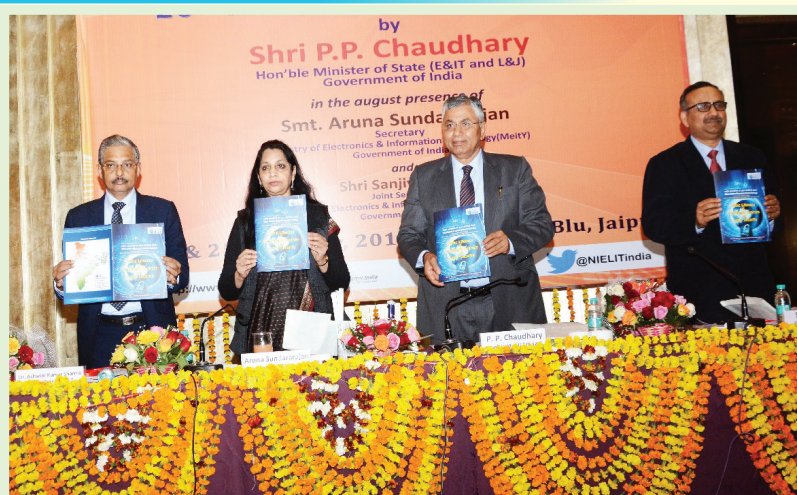
Regional Workshop for Traders at Jaipur - (1) Lighting the Ceremonial Lamp (2) Shri P.P. Chaudhary, Hon'ble MoS (E&IT, L&J) participated virtually

DIRECTORS' MEET – 'पहल से लक्ष्य की ओर'



The 20th meeting of NIELIT Centre Directors was held during 24-25 January, 2017 at Jaipur where Centre heads from about 35 NIELIT Centres spread throughout the country had assembled to brainstorm and deliberate initiatives for taking forward the high growth story that NIELIT has scripted in the recent times. The meet was inaugurated by **Shri P.P. Chaudhary, Hon'ble Union Minister of State (E&IT and L&J)**. In the event, the Hon'ble Minister also unveiled the booklet on NIELIT's Cyber Security courses aimed towards equipping a common man with basic level skills. Also a Compendium of Skill Development and Capacity Building Projects undertaken by NIELIT was unveiled during the Event. In addition, Mobile Apps on NIELIT Digital Literacy courses were launched in 10 Indian languages which

its reach among youth NIELIT Directors/Officers Appreciation Certificates Hon'ble MoS. Speaking **P.P. Chaudhary, Union and L&J)** congratulated bridging the digital divide youth and stressed upon smart education with so as to develop Smart **Sundararajan, Secretary, NIELIT's** reach in eastern Region and emphasized should train at least from the region so as to **Shri Sanjiv Mittal, Joint Coordinator (HR), MeitY,**



further augmenting the capacities available with NIELIT so as to widen its reach among rural youth through industry aligned courses that facilitates greater employability. **Dr. Ashwini Kumar Sharma, Director General, NIELIT** expressed his deep gratitude to Hon'ble MoS, Secretary, MeitY and Joint Secretary, MeitY for their vision & guidance and assured them that NIELIT will not leave any stone unturned to catalyze Government of India's initiatives towards creating an enabling environment across the country under 'Digital India'. In the inaugural session the participants were also addressed by **Shri Sharat Kaviraj, Deputy Inspector General of Rajasthan Police** who stressed upon the needs and challenges of tackling Cyber Crime. | SALMA P. AYYUBI

would further increase in rural areas. Efforts by were acknowledged and were issued to them by at the occasion, **Shri Minister of State (E&IT NIELIT** for its efforts in and skilling the rural the need of delivering the use of technology Citizens. **Smt. Aruna MeitY** appreciated and north eastern on the fact that NIELIT half million populace bridge the digital divide. **Secretary and Group** outlined the need for



FROM KERALA - GOD'S OWN COUNTRY

INNOVATIONS AT NIELIT CALICUT

Utilizing the excellent infrastructure and the guidance of the faculty, students of the Post Graduate Diploma courses in Embedded Systems and IoT of NIELIT Calicut Centre have dwelled on several resourceful ventures. Some of there are:

The Embedded Medical Sample Sorting System sorts the samples placed on the conveyor belt according to the information database. The User Interface is through a Desktop Application along with hardware to sort the samples into vessels. The hardware consists of a RFID reader which reads information and sends to the PC. The PC retrieves the destination information and sends it back to the Intel Galileo board which then sorts it into different container vessels by pushing it off the conveyor belt to the respective vessels using the plunger.



I-Tank is implemented with Microcontroller and a number of sensors like Turbidity sensor and Ultra-sonic sensor. Water level and level of sedimentation in water tank is detected. The Voltage sensing technique is used to verify the voltage level is sufficient enough for automated cleaning procedure which may last for 10-15 minutes. The automatic closing and opening of outlet are implemented with solenoid valve.



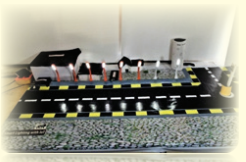
The Embedded Waste Segregator is an embedded waste segregator that aims at segregating the waste at the disposal level itself. It is designed to sort the waste into three major categories, namely metallic, plastic and others, thereby making waste management more effective.



Smart Ride is a system that could perform real time traffic density monitoring and congestion alert using IoT. The sensors measure count and Speed of the vehicles passing through the road. The controller calculates traffic density on periodic basis and updates the Cloud database. When a user enters the destination of his journey in his Mobile Application, the corresponding sensor data will be updated from the cloud and if any congestion is detected in the route, the user will be advised to take alternate routes. Any vehicle/pedestrian comes in the Blind-spot of the user vehicle, signals the alarm.



Smart Lighting with IoT is an automatic street lights maintenance system to reduce power consumption. The application is designed in such a way that light sensors placed in street light circuits, switches on and off automatically as the darkness comes and goes. Once



the lights are switched on current sensors placed at every street light circuits are responsible to report faulty condition to the centralized system with help of Wi-Fi module attached with the circuit. The status is available in the admin window, the admin now can easily locate the particular light to take care which minimizes the time to search it and repair and also he could automatically switch on the street light through his system if any necessary condition occurs. A manual switch in street light so as the pedestrian can on the light and it will be automatically switched off after a particular interval of time.

Green sense with WSN is an environment monitoring system, monitoring various factors such as temperature, pressure, humidity air quality along with other factors based on wireless sensor nodes, including the hardware and the software of the gateway node and the sensor node.



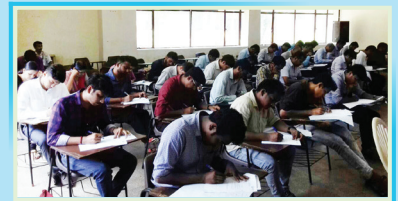
I-Freight System displays the number of parcels to be unloaded to a particular station when the train reaches to the station. The information is also available on cloud.



| MANOJ N

CAMPUS RECRUITMENT

Various placement initiatives were taken up at NIELIT Calicut and during the last quarter, 90 students were shortlisted by various companies out of which 6 students were placed. The placement evaluations by 2 companies are yet to be released. Some of the recruiters who conducted the tests with NIELIT Calicut are Data Patterns (India) Pvt Ltd, Software Associates, Westghats, Inntot Technologies, GES Infotek and VVDN Tech.



EMPLOYEE MOTIVATION PROGRAMME



A Personality Enrichment Programme called 'Art of Mind Control' was organised for the Staff and students of NIELIT Centre Calicut by the NIELIT Staff Recreation Club. The programme was conducted by Basics Foundations Calicut

which is an initiative of International Society for Krishna Consciousness (ISKCON), Bangalore. The session was coordinated by Shri Rohini Suta Das, Coordinator, Basic Foundations Calicut. The talks emphasized on the need and techniques to control the mind and thereby improving overall quality of life. The programme was well received by the audience.

महा रोजगार मेला

The Modal Career Centre at NIELIT Calicut in collaboration with NCS Centre for SC/STs, Society for Integrated Growth, Kerala Chamber of Commerce and Malabar Christian College conducted a Mega Job Fair on January 28, 2017 at Malabar Christian College Kozhikode, Kerala. Shri Ramachandran P G, SREO, NCS Centre for SC/STs, Trivandrum welcomed everybody to the job fair. The fair was inaugurated by Hon'ble Member of Parliament, Shri M.K. Ragahavan and presided over by Shri A.N. Radhakrishnan, President, SIGN. Dr M.P. Pillai, Executive Director, NIELIT, Calicut delivered the key note address. 43 private companies including MIMS, Baby Memorial Forbes Limited, Indus Motors, Consultants, Malabar group, Eram Motors participated 4000 job vacancies were job seekers participated in day 1918 job seekers were various employers. The event newspapers in the State.



Larson & Tubro (L&T), Aster Hospital, HDFC Life, Eureka Green line Management Axis Bank, Future group & in the fair for which around made available. Around 6100 the job fair. At the end of the shortlisted for placement by was reported by all leading

A similar job fair was also conducted on March 5, 2017 at WMO Arts and Science College, Muttill, Kalpetta, Wayanad, Kerala in collaboration with NCS Centre for SC/STs, Society for Integrated Growth, and Kerala Chamber of Commerce. The fair was inaugurated by Hon'ble Member of Legislative Assembly, Shri C.K. Saseendran and presided over by Shri A.N. Radhakrishnan, President, SIGN. Shri K.S. Lalmohan, Scientist "E", NIELIT Calicut delivered the key note address. 28 private companies including Larson & Tubro (L&T), Popular Hyundai, Honey Industries, Ensign, Eureka Forbes Ltd, Amana Toyota, Green line Management consultants, Joy Alukkas, HDFC Life participated in the fair.

There were around 3300 job vacancies and 12864 job seekers participated in the job fair. At the end of the day 1871 job seekers were shortlisted for placement by various employers.

The job fairs provided opportunities for job seekers with qualifications ranging from 5th standard to Post Graduation. Upon registration, each job seeker was given four coupons to attend four interviews depending upon his/her qualification. The MCC@NIELIT Calicut made elaborate arrangements for registration of job seekers on the NCS Portal at both the mega events. Even though there was huge crowd, the Mega Fairs were incident free and were conducted in a professional manner with the assistance of many dedicated volunteers. | DR. M.P. PILLAI

MALABAR INNOVATION FESTIVAL 2017

The Regional Science Centre (RSC) and Planetarium organised the Malabar Innovation Festival 2017 at the RSC Auditorium on February 28, 2017. The Fest was inaugurated by Dr. M.P. Pillai, Executive Director, NIELIT Calicut. Several student groups attended the Fest, where several institutions had displayed their models of projects. NIELIT Calicut too showcased their projects which were very well received and appreciated by the attendees. The event was also reported in various dailies.

| DR. M.P. PILLAI



ADOPTION OF BEST PRACTICES IN EDUCATION



Dr. Yumnam Jayanta Singh , Director, NIELIT Kolkata addressing participants at Half-day Workshop on Teaching & Assessment Practices

NIELIT Kolkata has organized a half-day Workshop on Teaching and Assessment Practices on March 14, 2017 in for the faculties of the Centre. The workshop was conducted and chaired by Dr. Yumnam Jayanta Singh, Director, NIELIT Kolkata. The objective of the workshop was to improve the existing teaching and assessment practices followed at the Centre. During the workshop, all teaching faculty members (regular/contractual/guest faculty members) of the Centre were made aware about the best practices involved in teaching such as preparation of teaching materials, assessment tools, conducting assessment and reporting, counselling of new intake, etc. in detail. 38 faculty members attended the workshop. | DR. Y. JAYANTA SINGH

FROM KOLKATA - CITY OF JOY

INTRODUCTION OF CAREER ORIENTED COURSES



Present on the dais are (from right) Shri Swapan Kumar Goswami, HoD, Electrical Engineering Dept, Jadavpur University, Dr. Ashish Swarup Verma, Pro Vice Chancellor, Jadavpur University, Dr. Ashwini Kumar Sharma, Director General, NIELIT, Shri T. P. Singh, Executive Director, NIELIT Imphal and Shri Arup Chattopadhyay, the then Director-in-Charge, NIELIT Kolkata.

NIELIT Kolkata and Jadavpur University have signed an MOU for conducting career oriented certificate courses with joint certification. The first course titled "Skill Development Training on Electricity & Safety Practices" has been successfully conducted in 2016 through an initiative taken by the Electrical Engineering Department of Jadavpur University (JU), West Bengal. On getting a remarkably positive response of this course, NIELIT Kolkata and JU have introduced another career oriented course named "Skill Development Training on Installation and Maintenance of Electrical and Electronics System" which was inaugurated by Dr. Ashwini Kumar Sharma, Director General, NIELIT and other dignitaries on January 9, 2017. Both the courses are of six (6) months duration. Certificates were distributed to the successful students of "Skill Development Training on Electricity & Safety Practices" course. | ARUP CHATTOPADHYAY

TRAINING PROGRAMME FOR CRPF OFFICERS



Seen in the picture are CRPF Officers with Shri A. Chattopadhyay, Ex-Director In-Charge of NIELIT Kolkata and Mrs. R. Mandal (Vijayvergiya), Scientist-'C', NIELIT Kolkata

A one day Training programme on Human Resource Development and related activities in the area of Information, Electronics & Communication Technology was held on February 6, 2017 at NIELIT Kolkata for the Gazetted CRPF Officers. Various aspects of e-Governance, awareness on NCS Portal and different modes of Digital Payment were deliberated in the programme. Altogether 22 CRPF Officers participated in the training. | RASHMI MANDAL

MICRO JOB FAIR

NIELIT Kolkata has been identified as a Model Career Centre (MCC) under National Career Service (NCS) - a Mission Project of Government of India. NCS in association with NIELIT Kolkata organized a Micro Job Fair at Vocational Rehabilitation Centre for Handicapped (VRCH) Building on February 16, 2017 for prospective employers participation with various types of job openings. As many as six companies attended the job fair. Total 173 candidates appeared for interview where 71 candidates were shortlisted and Provisional Offer Letter were given to 11 candidates.



Job aspirants are seen in queue at the Job Fair at VRCH Building

SKILL ENHANCEMENT OF LOCAL GOVERNMENT, WEST BENGAL

NIELIT Centre Kolkata has successfully conducted a training programme on AutoCAD for 30 Officials of Kolkata Municipal Corporation during February 2017. Owing to its success, the next phase of training with another 30 officials of the Municipal Corporation is scheduled to be started on April 03, 2017. | DR. Y. JAYANTA SINGH



Certificates were awarded to the officers of Kolkata Municipal Corporation after successful completion of course on AutoCAD by Shri Sovon Chattopadhyay, Hon'ble Mayor and Minister of Environment, Housing and Fire, GoWB in presence of Dr. Y. Jayanta Singh, Director, NIELIT Kolkata on March 7, 2017

WELCOME TO NIELIT FAMILY!

Dr. Yumnam Jayanta Singh has taken charge as Director of NIELIT Kolkata Centre. Dr. Singh received Master and Ph.D in Computer Science and has vast experience in research and teaching in Universities. He has also worked with Assam Don Bosco University, Swinburne University of Technology (AUS), Misurata University (Misurata) with joint programs from Nottingham Trent University (UK) and Skyline University (UAE). Previously, he has also worked with Keane Inc (India & Canada office) for project from Phillip Morris (USA), TechMahindra for project from British Telecom (UK).



NEWS AT A GLANCE

CHANGE MANAGEMENT & CAPACITY BUILDING FOR RAILWAYS AT IIPA



Dr. Ashwini Kumar Sharma, Director General, NIELIT addressed senior officers of Indian Railways, as the Chief Guest during valedictory session at Indian Institute of Public Administration (IIPA) that had organized a workshop on Change Management & Capacity Building. Shri Sandeep Ahlawat, Dy. Director, NIELIT also shared his e-Governance experience of Delhi Government Secretariat with the audiences. Senior Officers of Indian Railways, namely, Ms. Praveen Singh, Shri Angaraj Mohan and Shri S.S. Sandhawalia shared the dais with Dr. Sharma. NIELIT & IIPA are considering to roll out joint programmes in e-Governance. | PARTHA ADHIKARI

SUNDARBAN KRISTI MELA AND LOKO SANSKRITI UTSAB

NIELIT Kolkata has participated in the 21st Sundarban Kristi Mela and Loko Sanskriti Utsab held at the remote location of Kultali (Basanti) in the South 24 Parganas District during December 20-29, 2016. The fair-cum-exhibition, held annually in the Sundarbans, is visited by several thousands of the local populace apart from participation from 35 central and state government institutions like Micro, Small & Medium Enterprises, National Council of Science Museum, Bureau of Indian Standards, Geological Survey of India, Indian Space Research Organisation, Eastern Coalfields Limited, Central Sericulture Research and Training Institute, Oil and Natural Gas Corporation, West Bengal Renewable Energy Development Agency etc to name a few.



Special session by NIELIT Kolkata on Digital Empowerment Awareness on 27.12.2016 at the Mela

NIELIT Kolkata conducted a special session in the Mela on Digital Payment Awareness on December 12, 2016 for the visitors where about 250 people. The participants were also informed about the usefulness of registration with the NCS Portal for employment purpose by the Model Career Centre being implemented at NIELIT Kolkata.

EXPLORING POSSIBILITIES FOR SETTING A NEW CENTRE AT TIRUPATI

Shri Sanjiv Mittal, Joint Secretary, MeitY, Dr. Ashwini Kumar Sharma, Director-General, NIELIT, Shri Nishant Kumar, IAS, Sub Collector, Tirupathi along with a team of senior officers of Andhra Pradesh Government and NIELIT Chennai visited different locations at Tirupati, Andhra Pradesh during 17-18 February, 2017 with a view to set up a new NIELIT Centre. After examining different locations, the team recommended that Tirupati in Chittoor District can be considered for establishing a NIELIT Centre for focused skilled development in IECT like Smart Manufacturing, Embedded System, Cyber security, e-Waste etc. Hence, at least 6000 to 7500 sqft of land would be required to be made available free of cost by Government of Andhra Pradesh. Till the time land is allotted, the 2nd Floor of the building of Microbiology Lab of Sri Venkateshwara Institute of Medical Sciences, which was also visited by the team is proposed to be allotted to NIELIT for starting activities at Tirupati immediately. | ANURAG GUPTA



CAREER DEVELOPMENT WORKSHOP

NIELIT Centre Kurukshetra organized a career development workshop on February 1, 2017 for class IX students of Agrasen Public School, Kurukshetra. The workshop was focused on how they can use IT to understand difficult subjects. They were explained career paths available in IT. The students were informed that even if one is not good in science or maths, there are many options in the streams of Multimedia, Hardware, Designing and Publishing, Content Development and many others. A presentation about courses available with NIELIT-Kurukshetra was also made.

About 100 students participated in the workshop enthusiastically as their queries were answered.



NEWS FROM ASSAM

PLACEMENT OPPORTUNITIES FOR NORTH EASTERN YOUTH



Shri K. Baruah, Director, NIELIT Guwahati delivering his welcome address at the job fair. Seated in the dias are Shri P. K. Das, Director, STPI Guwahati, Shri P. Rava, ACS, Joint Director, Employment and Craftsman Training, Govt of Assam, Smt. Ashish Garg, Principal Consultant, Skill Development, MeitY, Govt. of India, Shri Manab Kalita Director In-charge, NIELIT Shillong and Shri L. K. Varte, In Charge, NCS for Differently Abled, DGE.

NIELIT Guwahati, in association with National Career Service for SC/ST & National Career Service (NCS) for differently abled, Ministry of Labour & Employment, Govt. of India organised a Job Fair on February 3, 2017 at Guwahati. The Job Fair was aimed to provide a platform for placement opportunity to the various job seekers who have been trained through NIELIT & NCS for Differently Abled & NCS for SC/ST in different courses in IT, Electronics etc.

The Job Fair was inaugurated in presence of Shri P.K. Das, Director, STPI, Guwahati as the Chief Guest, Shri P. Rava, ACS, Joint Director, Employment and Craftsman Training, Govt of Assam, as Guest of Honour, Ms. Ashish Garg, Principal Consultant, Skill Development, MeitY, Govt. of India as Guest of Honour, Shri Manab Kalita Director In-charge, NIELIT Shillong, Shri L. K. Varte, In-charge, NCS for differently abled, DGE and Shri K. Baruah, Director, NIELIT Guwahati.

Shri K. Baruah, Director, NIELIT Guwahati in his inaugural address welcomed all the dignitaries, placement agencies and job seekers etc and desired that job seekers should take full advantage of the opportunity provided by NIELIT & NCS. Shri P. K. Das, Director, STPI in his speech called for identifying the strengths of the population of the North Eastern Region in terms of skills that are specifically inherent in them. Smt. Ashish Garg, Principal Consultant, Skill Development, Ministry of Electronics and Information Technology called upon the audience not to remain passive consumers of technology and urged the students gathered in the event to keep in pace with time and consistently update one's skill. In her speech, Smt. Garg praised NIELIT for the noble initiative taken towards providing placement opportunity to the local youths. Shri P. Rava, ACS, Joint Director, Employment and Craftsman Training, in his speech expressed concern against fraudulent placement agencies and mentioned the need to monitor the security of jobs being offered to the candidates of the North Eastern region who had to face great difficulties after being abandoned by these agencies in metro cities. Shri Rava also cited examples of entrepreneurship set up by differently abled women in Chamata town in Nalbari District and exhorted the students to also consider entrepreneurship as a means of livelihood. Shri L. K. Varte, In Charge, NCS for Differently Abled, DGE in his speech mentioned about the hardships

faced by many employees in terms of working conditions after being recruited through placement interviews and requested the job seekers to be aware of the circumstance. The gathering was also addressed by Shri M. Kalita, Director in Charge, NIELIT Shillong.

Altogether 20 Placement Agencies like Ajmal Foundation, NIIT, eYantra, Akash Hyundai, AJ Infotechline, K.L. Group, Barman Food and Beverage, GenX IT solution, Bell Finvest India Limited, Dominos Pizza, Technowell Services, Byatikram Digital, Axis Bank, Eureka Forbes, Mohit Marketing, Janalakshmi Financial Service, Jubilant Food Works Ltd, Aurora Travels, Saraighat Hyundai, MTR Foods etc. took part in the Fair. Out of 595 candidates who turned up at the Job Fair, 178 nos of candidates were shortlisted. Excellent feedback has been received from the recruiters and the candidates as reported. | K. BARUAH



Job aspirants waiting for their turn for interview

LAUNCH OF ONLINE LIBRARY FACILITY - e-GRANTHALAYA

The library services offered by NIELIT Guwahati Centre has been made available online from January 1, 2017. It has been made possible through Web OPAC powered by e-Granthalaya 4.0 from National Informatics Centre (NIC), Government of India. The library at NIELIT Guwahati Centre boasts of more than 4730 books, periodicals and other study materials. These can be accessed through its Web OPAC <http://eg4.nic.in/MCIT/OPAC/Default.aspx> Apart from other facilities, the system has the advantage of reserving books online which can be later issued to the respective persons.

Proactive use of technology being undertaken by NIELIT would result in greater transparency and accountability of processes, which is in line with the 'Digital India' initiative of the Government of India. | K. BARUAH



Screen shot of e-Library portal of NIELIT Guwahati

EMPOWERING RURAL INDIA

STRENGTHENING PRESENCE IN REMOTE AREAS OF ASSAM

In order to provide impetus to the far-flung areas in the North-Eastern Region, NIELIT is setting up several Extension Centres in the remote areas. Under this initiative, a temporary Extension Centre Dibrugarh, has been set up at the rented premises of Lahowal College, Lahowal, Dibrugarh, Assam w.e.f March 6, 2017. Training programme to three batches of Assam Government is being conducted at the newly established IT infrastructure at the Dibrugarh EC premises.



NeGD sponsored training for Assam Government Employees is in progress at Dibrugarh Extension Centre of NIELIT.

Construction of permanent campus of various Extension Centres spread across the state of Assam is also in full swing.



1. DIBRUGARH : (a) Admin Building: Ground Beam shuttering is in progress. (b) Girls Hostel: Ground Beam shuttering is in progress. (c) Cafeteria: Piling completed. (d) Security Barrack: Pile cap completed.

(e) RCC Culvert: Culvert completed. (f) Retaining Wall: Wall concreting is in progress.

2. KOKRAJHAR : (a) Admin Bldg: Mumty roof beam & slab shuttering is in progress. Parapet wall brick work is in progress. Preparation of C.C flooring is in progress. Slab concreting of septic tank completed. (b) Girls Hostel: 1st floor roof beam & slab shuttering is in progress. Ground floor B/W is in progress. (c) D.G Set: Curing of concrete for beam and slab in progress. (d) Cafeteria: Curing is in progress for slab & beam. (e) Road Work : Earth excavation & filling is in progress



3. JORHAT : (a) Admin Building.: Plain cement concrete(PCC) completed and raft reinforcement is in progress. (b) Girl Hostel: Sand filling is in progress. (c) Boundary Wall : Barbed wire fencing angle erection is in progress. (d) Retaining Wall: Reinforcement fixing is in progress. (e) Road work: Formation of road work is in progress

4. TEZPUR : (a) Academic and Administrative Building: Casting of Floor-1 completed . column erection for Floor 2 completed. Reinforcement for beam is in progress. (b) Girls Hostel: Casting of Floor-1 completed. column erection for Floor 2 completed. Reinforcement for beam is in progress.



NEW CAMPUS OF NIELIT HQ AT DWARKA, DELHI IS READY FOR INAUGURATION



CAPACITY BUILDING OF GOVERNMENT EMPLOYEES IN E-WASTE MANAGEMENT

NIELIT has been mandated by Ministry of Electronics and Information Technology (MeitY) to train 1665 Government Officials in e-Waste Management in 10 states/UTs Assam, Bihar, Goa, Jharkhand, Madhya Pradesh, Manipur, Odisha, Uttar Pradesh, West Bengal and Puducherry. In this regard, concerned NIELIT Centres have conducted various workshops in order to mobilize the Government Employees and spread awareness about e-Waste Management Rule 2016. So far, 842 Government Officials have been trained in training conducted at Patna, Goa, Ranchi, Imphal, Bhubaneswar, Lucknow, Kolkata and Puduchery. The Government Officials trained were encouraged to take necessary steps ensuring e-wastes in their respective departments are treated in a proper manner which shall protect environment as well as human health from the toxic materials contained in them. | SWARNALI DEB



PRSG MEETING OF ESDM SCHEME

A PRSG meeting of ESDM scheme was held on 27th March, 2017 under the chairmanship of Shri Sanjeev Mittal, Joint Secretary, MeitY. Representatives of three KIAs viz. TSSC, ESIC and NIELIT and SIA's were also present. It was informed that 2.5 lakh enrolments have already been made, out of which, approx. 2 lakh candidates have been trained. Out of the 29 ESDM courses owned by NIELIT, 25 have been aligned with NSQF. | ALPANA AGRAWAL

NEWS FROM MEGHALAYA - ABODE OF CLOUD

ACCELERATING SKILL DEVELOPMENT IN NORTH-EAST – TURA EXTENSION CENTRE

Meghalaya is a state in the North-Eastern part of India having 11 districts. NIELIT has taken multidimensional initiatives towards capacity building and skill development in the hills of the region. While NIELIT has a full-fledged own Centre at the capital town, Shillong, it has set up an Extension Centre at Tura situated at the West Garo Hills district. The Centre at Tura started its activities from Tura Government College, Hawakhana since January 2016. After one year of successfully carrying out different skill development initiatives for the youth of Tura, the State Government has provided a built up space at Dakopgre where the extension centre is set-up. The facility has 2 class rooms and 3 computer labs, office space as well as library and other amenities. At present, various short term courses in the non-formal sector such as PC Assembly and Maintenance, Office Automation, CCC (Course on Computer Concepts) and a long term non-formal course - 'O' Level in IT (Software) are being conducted.



Digital Payment Awareness programme for rural youths

In the past one year since the NIELIT Extension Centre at Tura came into existence, it has witnessed a huge number of young aspirants participating in the short term as well as the long term courses. A sizeable number of Government Officials have also been given IT training by the Centre. Initiatives have been made by the Centre to empower the Jawans of Defence Ministry with necessary skills of computer knowledge. In line with the recent campaign of spreading digital payment awareness of the Government of India, Tura Centre has taken active steps to motivate rural people in the region to use cashless transactions.

With the youth taking full opportunity of various skill development programmes run by NIELIT Extension Centre, Tura, one can only hope for the best! | MANAB KALITA



IT Training of Government Officials of West Garo Hills, Meghalaya at Tura

DIGITAL LITERACY COURSES FOR MEGHALAYA GOVERNMENT EMPLOYEES



Govt. Employees at Jowai of West Jaintia Hills District

Under the 'Digital India' Programme of the Government of India, it is targeted to train 16000 State Government employees in NIELIT's Digital Literacy Courses, namely CCC/CCC+ within two years wherein NeGD (National e-Governance Division) is the sponsoring agency and NIELIT is the implementing agency. NIELIT Centre Shillong is coordinating the training in Meghalaya whereby several batches have been trained in the hilly districts of East Khasi Hills, West Khasi Hills, West Jaintia Hills, West Garo Hills and South-West Khasi Hills of the region. A total of 259 State Govt. employees have been trained till date.

WORKSHOP ON EMERGING TECHNOLOGIES – GIS



Keeping with emerging trends and new technologies, NIELIT Shillong organized a workshop on GIS and its applications on October 4, 2016. Various state and central Govt. departments like Forest Department, Geological Survey of India, North East Police Academy, Agriculture Department and students from colleges of adjoining areas participated in the workshop. A wide range of issues were discussed by eminent academicians who graced the occasion. Dr. Bijay Singh Mipun, Professor, Department of Geography, NEHU, Shillong spoke about Concepts and Foundation of Remote Sensing, Polar and Geo Sync Satellites systems. Dr. Shantanu Sharma, Asst. Professor, Department of Geology, Cotton College, Guwahati briefed about the concepts of geographical information system (GIS), geographic database structure, data inputting in GIS, spatial data analysis (raster and vector data). Dr. K.K. Sharma, Senior Scientist, NE Space Application Centre, Umiam, Meghalaya deliberated on topics like Fundamentals of Photogrammetric, Introduction to GPS vis-à-vis IRNSS and Gagan, usage of GIS w.r.t Jhum cultivation in NE, Pesticide and fertilizer management, etc.

The workshop proved to be an informative platform as it provided an insight into the GIS technology and its applications.

NIELIT ON SOCIAL MEDIA

Follow us and get to know about latest initiatives by NIELIT

The collage features several social media posts and tweets:

- Ministry of MSME:** A tweet mentioning NIELIT @NIELITIndia and a workshop on "Awareness Creation in e-Waste Management" held in Ranchi.
- MIB India:** A tweet retweeted by NIELIT, mentioning a digital literacy program (#DigitalGyan) and a workshop on "Awareness Creation in e-Waste Management".
- Ravi Shankar Prasad (@rsprasad):** A tweet stating that students of Magadh Mahila College were being trained on cashless transactions by @NIELITIndia in Patna. #DigiDhanAbhiyan.
- NIELIT is conducting workshop on cashless transactions for students of Magadh Mahila College in Patna, Bihar:** A large green banner with a photo of the workshop.
- Bandaru Dattatreya (@Dattatreya):** A tweet mentioning NIELIT Aurangabad with NCS is organising a #JobFair on 7.3.17, with job prospects for approximately 25 Cos & 1K+ jobseekers.
- Dr. Mahesh Sharma (@dr_maheshsharma):** A tweet mentioning NIELIT and a workshop on "Awareness Creation in e-Waste Management".
- Vijay Goel (@VijayGoelBJP):** A tweet mentioning NIELIT and a workshop on "Awareness Creation in e-Waste Management".
- PIB India:** A tweet mentioning NIELIT and a workshop on "Awareness Creation in e-Waste Management".
- NIELIT Delhi:** A tweet mentioning NIELIT and a workshop on "Awareness Creation in e-Waste Management".
- Agartala:** A tweet mentioning NIELIT and a workshop on "Awareness Creation in e-Waste Management".

In the center, there is a green box with the NIELIT logo and the text: /NIELITIndia @NIELITIndia.

At the bottom, there is a red banner with the text: Training of BSF officials on Digital Payments by NIELIT Delhi.

Our Facebook family has 16.5k+ followers while Twitter has crossed 4k followers!!

51 Courses of NIELIT are now aligned with NSQF



In pursuance of the decision of the Cabinet Committee on Skill Development, the National Skills Qualifications Framework (NSQF) has been notified in the Gazette of India. It is a nationally integrated education and competency based skill framework where the learner can acquire the certification for competency needed at any level through formal, non-formal or informal learning. Specific outcomes expected from implementation of NSQF are: (a) mobility between vocational and general education by alignment of degrees with NSQF; (b) standardised, consistent, nationally acceptable outcomes of training across the country through a national quality assurance framework; (c) global mobility of skilled workforce from India, through international equivalence of NSQF; (d) approval of National Occupational Standards (NOS) /Qualification Packs (QPs) as national standards for skill training, etc.

'सक्षम युवा'- नये भारत का नया संकल्प

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