



NIELIT

QUARTERLY NEWSLETTER

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Shri Ravi Shankar Prasad, Hon'ble Union Minister of Electronics & Information Technology and Law & Justice, GoI inaugurating NIELIT Computer Saksharata Kendra at village Lakhapur, Bihar in presence of Shri Rajiv Kumar, Director General, NIELIT and Joint Secretary, MeitY.

FROM THE DESK OF DIRECTOR GENERAL

Dear Readers

With the vision to transform India through the power of technology and bridging the digital divide, Govt. of India launched the Digital India initiative. Digital India has turned into a mass movement with its objective to digitally empower citizens, which in turn is eliminating middlemen and promoting **4Es -- Education, Employment, Entrepreneurship and Empowerment.**

Digital India envisions provisioning of Digital infrastructure and Digital empowerment of citizens as key vision areas which are required to be supported by Digital Literacy and Electronics Manufacturing sector. NIELIT is at its front foot to serve the nation with its various Electronics/ Hardware course and Digital Literacy courses supporting the key vision areas of Digital India to ensure Digital inclusion of rural population.

Under Pradhan Mantri Sansad Adarsh Gram Yojna (PMSAGY), Hon'ble Union Minister of Electronics & Information Technology and Law & Justice, GoI has adopted the village Lakhapur of block Bakhtiyarpur, Patna and to support it NIELIT Patna has opened a Computer Saksharata Kendra of NIELIT in Village Lakhapur, Bihar for empowering local youth of the area. Further as per the commitment of Hon'ble Minister, a new study centre shall be opened soon by NIELIT Guwahati at Majuli, Assam for facilitating youth of the region.

NIELIT has come up with a policy to roll out NSQF aligned courses through its Existing Training Partners (ETPs). The Scheme will also be offered to Government / AICTE approved ITI, Polytechnics & Engineering colleges; for rolling out NSQF aligned training courses. Initially, 44 NSQF aligned courses will be rolled out.

NIELIT celebrated the 127th Birth Anniversary of Dr. B.R. Ambedkar with great enthusiasm by organizing various competitive/cultural programmes. Also, the 4th International Day of Yoga 2018 was observed across its Centres with full passion and a large number of officials participated in the Yoga Sessions to perform various 'Asanas'.

This issue also highlights multifarious activities held at various NIELIT Centres across India in this quarter like capacity building of Government Officials in IT & GST sponsored by MDoNER, MoUs under Employability Enhancement Training Programme, Empowerment of underprivileged youth and women, faculty development programmes etc.

- Rajiv Kumar



HIGHLIGHTS FROM PATNA

HON'BLE MINISTER INAUGURATES "ADARSH COMPUTER SAKSHARTA KENDRA AT LAKHANPURA, BAKHTIYARPUR"



Ranvijay Singh, MLA, Bakhtiyarpur; Shri Gyanendra Kumar Singh, MLA, Barh, Shri Rajiv Kumar, DG NIELIT & JS, MeitY and Shri Alok Tripathi, Director I/c, NIELIT Patna Centre were also present. The newly opened Computer Saksharta Kendra is equipped with modern multimedia classroom and computer lab. It will facilitate local youth of the area, specially women candidates who are expected to enrol in various job oriented courses in the centre.

Shri Ravi Shankar Prasad, Hon'ble Union Minister of Electronics & Information Technology and Law & Justice has adopted the village Lakhanpura of block Bakhtiyarpur, Patna under second phase of Pradhan Mantri Sansad Adarsh Gram Yojna (PMSAGY). In this endeavour, NIELIT Patna has opened a Adarsh Computer Saksharta Kendra in the village which was inaugurated by Hon'ble Minister on 21st June, 2018. On the occasion Shri



NIELIT PATNA CENTRE'S CAMP AT VILLAGE KHARPAR AND RANI SARAY



Shri Ravi Shankar Prasad, Hon'ble Union Minister of Electronics & Information Technology and Law & Justice visited NIELIT Patna stall at village Kharpar and Rani Sarai of block Fatua and Bakhtiyarpur on 28th April, 2018. The event was organised under Gram Swaraj Abhiyan to inform villagers about different beneficial schemes of the Government of India. On the occasion, NIELIT Patna demonstrated the Panchayat Raj programme implemented by Patna centre aiming towards strengthening of Panchayat Raj in the state.

NIELIT PATNA STUDENT WINS WORLD SKILL COMPETITION

An alumnus of NIELIT Patna, namely Shri Badrinath Roy has won the regional level Skill India Competition organised by NSDC (National Skill Development Corporation) held in Bengaluru between 20-22 June 2018. A proud moment for NIELIT Patna!



REVIEW OF NIELIT BY HON'BLE MoS, E&IT,GoI



Shri S.S. Ahluwalia, Hon'ble Minister of State, Electronics & Information Technology and Deputy Chairperson, Governing Council, NIELIT reviewed activities of NIELIT in a meeting held on 29th May, 2018 at Electronics Niketan, New Delhi. A brief presentation was delivered to him highlighting the skill development and capacity building initiatives taken by NIELIT in the recent past.

Seen in the picture are Shri S.S. Ahluwalia, Hon'ble Minister of State, Electronics & IT, GoI; Shri Rajiv Kumar, DG, NIELIT and JS, MeitY; Shri Janak Raj, Registrar; Ms. Chetna Singh Rathor, JD & HoW(Tech); Shri Anurag Shah, Controller(Exam) and Ms. Chaman Sharma CFO I/c of NIELIT



NIELIT AGARTALA

TRIPURA GOVERNMENT REVIEWS NIELIT AGARTALA

Shri Mevar Kumar Jamatia, Hon'ble Minister of Tribal Welfare & Forest, Govt. of Tripura visited NIELIT Agartala campus on 9th April, 2018, where he inspected the facilities available in the Centre and interacted with the students. On the occasion, Shri T P Singh, Executive Director, NIELIT Imphal; Shri Anurag Mathur, Director In-charge, NIELIT Agartala and other Senior officials of NIELIT HQ and NIELIT Agartala were also present.



CAPACITY BUILDING IN IT & DIGITAL SERVICES



NIELIT Agartala is implementing a project titled "Capacity Building in IT and Digital Services (including Digital Payment and GST)" for State Government Officials of NE States" supported by Ministry of Development of North Eastern Region (MDoNER). The project was dedicated to Tripura by Dr. Jitendra Singh, Hon'ble Minister of State (IC), Development of NER in the august presence of Dr Rajiv Kumar, Vice Chairman,

NITI Aayog during the 1st Meeting of NITI Forum held on 10th April, 2018 at Conference Hall, State Guest House, Agartala. Shri Rajiv Kumar, Director General, NIELIT & Joint Secretary, MeitY also graced the occasion. The web portal of the project, available at the url www.doner-mis.nielit.in was also launched on the same day. Director General, NIELIT also visited NIELIT Agartala and reviewed the Centre activities.



Shri Ashish Gupta, Scientist-C, NIELIT Agartala and Shri Binoy Das, Technical Officer, NIELIT Agartala were appreciated with certificates during the ceremony by Dr. Jitendra Singh, Hon'ble MoS(IC), Development of NER.

Government officials of different departments who completed the training at NIELIT under the project were also given participation certificates by Dr. Rajiv Kumar, Vice Chairman, NITI Aayog.

Shri Rajiv Kumar, Director General, NIELIT & Joint Secretary, MeitY visited Agartala campus on 10th April 2018, and reviewed the centre activities.



Officials of NIELIT Agartala welcoming Shri Rajiv Kumar, Director General NIELIT & Joint Secretary, MeitY



Shri Rajiv Kumar, Director General NIELIT chairing the review Meeting at NIELIT Agartala.



NOTABLE ACHIEVEMENTS

E-WASTE MANAGEMENT



An Awareness program on e-Waste Management was organized by NIELIT Agartala Tripura University Study (TUS) centre on 12th April 2018. Total 42 participants which includes students and faculty members of various engineering Deptt. of Tripura University participated in the session.

TRAINING ON GST



An intensive training course on Goods and Services Tax (GST) was conducted at NIELIT Agartala on 29th May, 2018 (fourth batch). Total 24 finance & accounts professionals and students joined the programme.

SEMINAR ON BHIM AND UMANG APP

NIELIT Kolkata organised a Seminar-cum-awareness program on BHIM and UMANG Apps among its students and employees on 1st June 2018, where demonstration was given to facilitate the participants towards making e-payments directly through banks for cashless transactions and accessing the pan-India e-Gov services from the Central, State, Local Bodies, and Agencies of government on app, Web, SMS, and IVR channels. Total 50 nos. of students attended the programme.

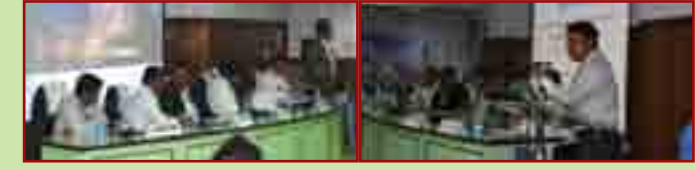
SUMMER TRAINING ON IoT USING PYTHON

NIELIT Kolkata, has started one-month (80 hours) Summer Training on IoT (Internet of Things) using Python on 4th June 2018. B. Tech/ M. Tech pursuing students from Jadavpur University, KIIT-Bhubaneswar, WB University of Technology and SRM University have joined the programme. Shri Anirban Jyoti Hati, Scientist 'B' along with Shri Anal Saha, Trainer of NIELIT Kolkata imparted the training.



ENTREPRENEURSHIP DEVELOPMENT

NIELIT Agartala participated in the conference on 'Enabling Entrepreneurship & Sustainable Development in Tripura' organized by Indian Chamber of Commerce on 25th May, 2018 at Agartala. Hon'ble Ministers of Tripura, namely Shri Sudip Roy Barman and Shri Mevar Kumar Jamatia inaugurated the session. Shri Niladri Das, Scientist-D addressed a session on Service Sector with focus on IT & ITES.



MOBILE APPLICATION DEVELOPMENT

Industrial Training on "Course in Mobile Application Development using Android" was started at NIELIT Agartala on 6th June, 2018. Total 22 students from Tripura Institute of Technology joined the training course.



GST TRAINING



The 7th Batch of the course on "GST Training" commenced on 2nd June, 2018 at NIELIT Kolkata. The Centre is preparing 'a list of GST experts cum Placement Brochure to support others.



NIELIT AIZAWL

DIGITAL LITERACY TRAINING FOR THE VISUALLY IMPAIRED PERSON

With the slogan "Digital Literacy for all" and a deep belief in uniform growth of the society, NIELIT Aizawl has launched a Digital Literacy programme for Visually Impaired persons. The training programme on NIELIT CCC course, was conducted using screen reading software for visually impaired persons- JAWS ("Job Access With Speech"), was launched by Dr. Lalnunthara, Commissioner for Persons with Disabilities, Govt. of Mizoram, on 20th April, 2018 in the conference hall of NIELIT Aizawl. This is the first of its kind training programme in the NE region.

Dr. Lalnunthara expressed his pleasure inaugurating such a unique initiative and thanked NIELIT Aizawl for taking this initiative. He also mentioned that this should also reach to other Divyangjans other than visually impaired person.

Shri N. Debachandra Singh, Director I/c of the centre also apprised about the current activities of NIELIT and expressed his gratitude to the state government for their support and



Inauguration of the training by Dr. Lalnunthara, Commissioner for Person with Disabilities, Govt of Mizoram

also to the visually impaired community to take on the new challenge in the field of digital literacy. He added that NIELIT Aizawl is always ready to extend its helping hands for the growth of the community.

NIELIT STUDY CENTRE AT KHWAILLUNG, MIZORAM



Shri C.L.Ruala, Hon'ble MP, Lok Sabha inaugurating the Study Centre

Lok Sabha at the premises of Community Hall, Khawllailung. The function was also graced by Smt. Vanlalawmpuii Chawngthu, Hon'ble Minister of State, Govt. of Mizoram.

NIELIT study centre, Khawllailung is located in the heart of the village, which is a model village declared by Govt. of Mizoram. The inaugural function was also graced by many other leaders of various local organizations.

NIELIT Aizawl has introduced CCC program in the centre which will be extended to various other skill development programs for the benefits of local people. In the interest of the local people, the centre will remain open from morning 6:30 AM to 7:00 P.M. NIELIT Aizawl is very thankful to all, for their active support on Computer literacy program.

NIELIT study centre, Khawllailung was inaugurated on 27th April, 2018 by Shri C.L. Ruala, Hon'ble Member of Parliament,

CAPACITY BUILDING IN INFORMATION TECHNOLOGY FOR GOVERNMENT OF KERALA EMPLOYEES

NIELIT Calicut in association with Kerala State IT Mission (KSITM), conducted two days training each in Ubuntu and & Open Office and Malayalam Computing for 30 Kerala Government Employees at NIELIT Calicut from 21-24 May 2018. The course on Ubuntu and Open Office covered the concepts and features

of Ubuntu, usage of open office- writer, calc and impress. The course on Malayalam Computing covered unicode, Malayalam fonts, creating, editing and retrieving documents in Malayalam in computer and over internet. The courses were well received by the participants.





NIELIT KOHIMA

NIELIT KOHIMA SIGNED MOU WITH INDUSTRIES & COMMERCE DEPARTMENT, GOVT. OF NAGALAND

With the purpose to jointly collaborate for capacity building and skill development inline with the vision of Digital India, MoU between NIELIT Kohima and Department of Industries & Commerce, Govt. of Nagaland was signed on April 18, 2018. As per the MoU, Govt. of Nagaland shall provide build-up space for NIELIT Kohima to set up a centre at Dimapur, the commercial hub of Nagaland for skilling youth in ICT.



Signing of MoU between NIELIT Kohima and Department of Industries & Commerce, Govt. of Nagaland in the presence of officials from both parties

NIELIT KOHIMA ON AIR LIVE TALK SHOW

NIELIT Kohima participated in Live Talk Show at All India Radio, Kohima for discussion on Information Security in English on May 10, 2018 and in Nagamese dialect on May 11, 2018 with Shri. L. Lanuwabang, Director I/c; Shri A. Morimenba Amer, Scientist- 'C' and Shri. Moasunep Kichu, STA as the speakers. Further, a workshop on the topic was conducted for staff of All India Radio and Doordarshan, Kohima.

CAPACITY BUILDING PROGRAMME FOR YOUNG FACULTY OF UNIVERSITIES



Shri L. Lanuwabang, Director I/c, NIELIT Kohima was invited to deliver a talk on the importance of ICT in education and information security during the two-week capacity building programme for Young Faculty of Social Sciences at Nagaland University, Kohima campus on May 09, 2018 where participants from 20 States participated. The programme was sponsored by the Indian Council of Social Science Research (ICSSR), Ministry of Human Resource Development, Govt. of India.



NATIONAL WORKSHOP CUM SEMINAR ON "GOODS AND SERVICES TAX (GST) IN INDIA"

With the objective to assist the stakeholders in understanding the regulatory framework of GST, its implications and more specifically its impact to North Eastern States, NIELIT Kohima and the Department of Commerce, Nagaland University, Kohima campus jointly organized a two-day national workshop cum seminar on 'GST in India' on May 22-23, 2018 at NIELIT Kohima with Vice Chancellor, Nagaland University as the Chief Patron and Director I/c, NIELIT Kohima and pro-VC, Nagaland University as the Patrons.

The seminar covered various facets of newly integrated Indirect Tax, i.e., GST and provided an opportunity to participants to enrich their knowledge and interact with experts from the Department of Taxes, Govt. of Nagaland. There were 156 participants including academicians, students, government officials and other stakeholders.



NIELIT SHIMLA

INFORMATION SECURITY WORKSHOPS/ TRAINING UNDER ISEA PROJECT PHASE II



As part of Information Security Education & Awareness (ISEA) Programme initiated by the Government of India, NIELIT Kohima is conducting continuous training for various schools and colleges and also for government officials. So far, 95 officials and around 600 students and teachers have been trained.

TRAINING OF PANEL LAWYERS IN CYBER-CRIME AND INVESTIGATION

Shri. L. Lanuwabang, Director I/c, NIELIT Kohima spoke on 'cyber crime, cyber security and prevention, role of lawyers in cybercrime cases, technical and legal challenges in cyberspace' as a Resource Person during the Refresher Training for Panel Lawyers on May 30, 2018 organised by Nagaland State Legal Services Authority and was attended by 40 participants.



NIELIT SHIMLA ON ALL INDIA RADIO



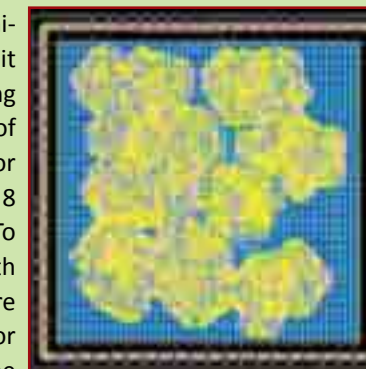
NIELIT Shimla participated in a Live Phone-in program of All India Radio on 13th April, 2018 and shared skill development activities of NIELIT and various Digital Initiatives of Ministry of Electronics and Information Technology (MeitY). Several people from all over the state called to enquire about various skill



development courses in the field of Electronics and Information Technology. Shri Rajiv Aggarwal, Director I/c, NIELIT Shimla and Shri Pratiyush Guleria, Deputy Director, NIELIT Shimla talked in detail about various skill development programs and schemes of MeitY launched for the benefit of students and citizens.

NIELIT ARRAY SIGNAL PROCESSOR ASIC TAPE OUT

NIELIT Calicut successfully completed the Tape out of the Array Signal Processor at Semi-Conductor Laboratory (SCL) Mohali. The processor is an Application Specific Integrated Circuit (ASIC) targeting under water acoustic camera/SONAR and Medical Ultrasound beamforming applications and is being developed under SMDP-C2SD project funded by MeitY, Govt. of India. The processor performs antenna array beamforming of underwater acoustic sensor data/ medical ultrasound sensor data from various directions. The processor supports up to 8 channels, and can be interfaced with commercially available Analog Front End (AFE) chips. To debug the functionality of the processor on chip trace/debug logic as well is integrated with the processor. The complexity of the design is 1.6 Million gate and supports up to 20 MHz core and 50MHz I/O operating frequency. The processor lay out passed all timing and Design for Manufacturability (DFM) checks as required by the SCL Fab targeting 180nm technology. The processor can be used for high frequency imaging SONAR as well as medical ultrasound imaging system developments. The area of the processor is 7mm x 7mm and targeting 120 pin SCL CQFP package. The peak power consumption of the processor is 683mW. The chip is expected to be available for testing in another 3 months. NIELIT Calicut is the 1st institution among 60 SMDP C2SD institutions including IITs and NITs to successfully complete the digital ASIC tape out using CADENCE design suite using SCL PDK.



Array Signal Processor Lay-Out released for Fabrication at SCL Mohali.



NIELIT GANGTOK

INFORMATION TECHNOLOGY AND DIGITAL SERVICES



Inauguration of the training program at NIELIT, Gangtok by Shri Kapil Basnet, Secretary, DoPART/PRC, Government of Sikkim

PRC, Government of Sikkim who encouraged the participants to take full advantage of the training program being organized by NIELIT Gangtok. Upon successful completion of the training, the government officials received participation certificate which were distributed by Shri Anil Raj Rai, Special Secretary, RMDD, Govt of Sikkim. He also spoke about the benefits of such training programs during the valedictory function organized at NIELIT, Gangtok on 19th April, 2018. It is planned to train 667 nos. of Sikkim Government employees under the above initiative over a period of 3 years.



Trainees with Shri Arup Chattopadhyay, Director-Incharge, NIELIT Gangtok and Shri Anil Raj Rai, Special Secretary, RMDD, Govt. of Sikkim

NIELIT Gangtok conducted training of Sikkim Government employees under MDoNER 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)". NIELIT Gangtok has so far trained 141 Sikkim Government employees at its office in Sichey, Gangtok. The employees are nominated by Rural Management and Development Department (RMDD), Govt. of Sikkim. The training program commenced on 2nd April, 2018 and was inaugurated by Shri Kapil Kumar Basnet, Secretary, DoPART/

CAPACITY BUILDING OF GOVERNMENT EMPLOYEES ON 'E-WASTE' THROUGH 1/3 DAY TRAINING PROGRAM



Participants at the e-waste training program at NIELIT Gangtok

Government College Rhenock, of Sikkim. Dr. Iyatta M Uprety during her welcome address emphasized on the growing usage of Electrical and Electronic equipment and the need for such an awareness amongst the Govt. employees for proper management of e-waste. Shri Khagendra Sharma, Scientist-C from NIELIT, Gangtok was the resource person for the training programs. A total of 210 nos. employees of Sikkim Govt have been trained in e-waste program so far under the said project.

PERMANENT CAMPUS OF NIELIT, GANGTOK COMING UP AT PAKYONG, SIKKIM.

Construction is in progress for the permanent campus of NIELIT Gangtok centre at Pakyong, Sikkim under the Union Cabinet approved project sponsored by MeitY for upliftment of the Youths of NE States - "Development of NE Region by Enhancing the Training / Education Capacity in IECT Area".



Permanent campus of NIELIT, Gangtok coming up at Pakyong, Sikkim

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 conducted for 46 Sikkim Government Officials at premises of NIELIT, Gangtok at Sichey, Gangtok on 7th April, 2018 and 26th May, 2018. A one day training program was also organized for the teaching and non-teaching staffs of Govt College Rhenock on 31st May, 2018 wherein 53 nos. staffs were trained on the various aspects of e-waste including its proper management. The training program at Govt. College Rhenock was inaugurated by Shri Arup Chattopadhyay, Director-Incharge, NIELIT Gangtok and Dr. Iyatta M Uprety, Principal,

NIELIT ROPAR AND NIELIT J & K

MoU UNDER EMPLOYABILITY ENHANCEMENT TRAINING PROGRAMME

NIELIT Ropar signed an MoU with IET Bhaddal for Employability Enhancement of students on 8th June 2018. The MoU covers Digital Literacy Training to first and second semester students of B.Tech Programme and also for Industrial and Summer Training to B.Tech and other undergraduate courses students.



Exchange of MoU between Dr. J.S. Kanwar, Director IET Bhaddal and Sh. Deepak Wasan, Director-in-charge, NIELIT Ropar

NIELIT ROPAR SIGNED AN MoU WITH PUNJAB TECHNICAL UNIVERSITY (PTU)



Seen in the Picture: Sh. A.P Singh, Dean, PTU; Sh. Bipul Mayank, Vice President, Outgoing Global Volunteer AIESEC; Dr. Ajay K. Sharma, Vice-Chancellor, PTU; Sh. Rajiv Kumar, Director General, NIELIT; Sh. Navdeepak Sandhu, Deputy Director, PTU; Sh. Kishalaya, Manager, University relations, Internshala.

NIELIT Ropar signed an MoU with Punjab Technical University (PTU) for imparting training to the students of all PTU affiliated colleges under Employability Enhancement Training Programme

in line with MoU already signed with AICTE. Director General, NIELIT graced the occasion and signed the MoU on behalf of NIELIT. Vice-Chancellor, PTU signed the MoU on behalf of PTU.

WORKSHOP ON INFORMATION & COMMUNICATION TECHNOLOGY FOR CIVIL SECRETARIAT EMPLOYEES OF J&K STATE

Mr. Imran Raza Ansar, Hon'ble Minister for Information Technology, Technical & Higher Education, Govt. of J&K visited NIELIT Srinagar and inaugurated 3-day workshop on Information & Communication Technology for Civil Secretariat Employees (Gazetted & Non-Gazetted) at NIELIT Srinagar. He was accompanied by Shri Saughat Biswas, Secretary/CEO, IT Department & Jammu and Kashmir e-Governance Agency (JaKeGA), Govt. of J&K.

capacity. The minister reiterated that efforts are underway to enhance capabilities at all level to foster mindset and attitude towards ICT based administration and delivery of services.

Speaking on the occasion, Hon'ble Minister highlighted that such programs are aimed to enhance the performance of employees at the workplace and upgrade their existing skills to work independently. These specialized training programs keeps one updated with the times, besides building confidence and

Minister has also desired to make CCC course mandatory for J&K government employees of the state in collaboration with the NIELIT J&K to enhance IT Skills to all the employees of J&K State. On the occasion, Director, NIELIT J&K through a presentation gave a detailed overview of achievement of the institute, besides its working for creating interactive, interesting programs for several government offices to bring change in government exercises with the purpose to make them more accessible to the people and beneficiaries.





NIELIT AURANGABAD



NIELIT Aurangabad was established by MeitY (erstwhile Department of Electronics) as CEDTI in the year 1987. In the year 2002 this Centre was merged with DOEACC and RCC centres to be renamed as NIELIT in 2011. It was established in order to bring an **innovative, entrepreneurial spirit** and to maintain close links with Industries, R&D and Academic Institutions to promote Electronics, IT and Industrial design culture. Co-located inside the lush green campus of Dr B.A.M. University and its campus is spread over **20 acres**. It has about **14 well equipped laboratories** (such as PCB, Industrial Automation, Power Electronics, VLSI, Embedded Systems Design, CAD/CAM, Consumer Electronics, IoT, Open Source Computing, SDL, Multimedia, etc.) and **Mechanical workshop** besides a rich Library (that is part of MeitY Library Consortium, NKN, National Digital library of MHRD), Gymnasium for students, Auditorium, Canteen, Basket-ball ground, Volley ball ground, Kho Kho ground etc.

- NOTABLE PROJECTS:**
- The Centre is implementing **ISEA project** as one of the participating Institute to address the human resource development in the country in the area of Information Security.
 - The Centre is implementing **e-Waste project** of MeitY- An "Awareness Programme on Environmental hazards of Electronics Waste" to create awareness about adverse impact due to about unscientific e-waste recycling of environment and health
 - The Centre jointly with **CAIT (Confederation of all India Traders)** undertook capacity building and onboarding of self-organised small and medium businessman/ traders on Digital Payment initiative so that traders can understand and adopt simplified Digital payment mechanism like UPI, USSD, BBPS etc.
 - The Centre is also implementing ESDM project as a Regional Centre since 2012 envisaged by Manufacturers' Association for Information Technology (MAIT) and MeitY for upgrading the competence in Electronics Design and Production Technologies and to develop a pool of trained human Resource with adequate competence levels.

COURSES OFFERED:

- Formal Courses:**
 - M.Tech in Electronics Design Technology
 - B.Tech in Electronics System Engineering
 - Diploma in Electronics Production and Maintenance
- Short Term Courses:**
 - P. G. Diploma in CAD/CAM
 - Certificate course in Android Application developer
 - Present Power Electronics and Future Trends
 - 3D Printing and Additive Manufacturing
 - Certificate Course in Industrial Automation System Design
 - Printed Circuit Board Design and Fabrication
 - Certificate course in Internet of Things (IoT)
 - CISCO Certified Network Associate
 - PG Diploma in Internet of Things (IoT)
 - PG Diploma in Cyber Security and Digital Forensics

MoU WITH STATE UNIVERSITY

MoU signed between NIELIT Aurangabad and Dr. Babasaheb Ambedkar Technological University (Dr. BATU) in presence of VC Dr. V. G. Gaikar. Exchange of MoU with Registrar, **Dr. Sunil Bhamare, Registrar, Dr. BATU** on June 15, 2018. The objective of this MoU is Employability Enhancement of the students covered under the AICTE's Employability Enhancement Training Program (EETP) to provide competency based employability enhancement skills and to set forth the modus operandi to provide Training in the field of IECT and all related areas by NIELIT to students of Dr. BATU affiliated colleges / institutes under following categories:

- Semester/ Industrial Training Programmes of 5-6 Months duration**
- Summer Training Programmes of 6-8 weeks duration**



HIGHLIGHTS & ACHIEVEMENTS:

- First time in country, unique courses with emphasizes on Innovation, Design and Development of Electronic Product viz **Diploma in Electronics Production and Maintenance** in 1987 (intake 60) was introduced in the Centre..
- The Diploma and Advance Diploma in Computer Hardware Maintenance popularly known as CHM-O and CHM-A level respectively were started in the year 2007 for creating a pool of **self-employed** professionals well versed with hardware and Networking skills. These courses are also aligned with NSQF Level 4 and Level 5. About **236 institutes** meeting the stringent requirements are offering these courses nationwide including NIELIT centers.
- The Centre has started Accreditation process for enrolment of Training Centres in around 50 NSQF aligned courses across the state of Maharashtra, Madhya Pradesh, Goa and Daman-Diu.

NIELIT AURANGABAD TRAINING PARTNERS

State	CHM-O & A Level	Digital Literacy Courses
Maharashtra	27	1325
Madhya Pradesh	2	443
Goa	nil	13
Total	29	1781

Global Exhibition on Services 2018

NIELIT Aurangabad participated in Global Exhibition on Services (GES) 2018 at Mumbai during 15-18 May, 2018 along with senior officers of NIELIT HQ.



Placement Assistance

- In association with **Directorate of Employment, Ministry of Labour and Employment (MoLE)**, NIELIT is providing a variety of employment related services to students of the region. The students of the institute are by default members of National Career Services (NCS) of Government of India. The Model Career Centre (MCC) apart from organizing multiple Job Fairs every year, is also conducting counselling sessions to improve Soft Skills and presentation skills of the students.
- During the year 2017 under MCC, NIELIT Aurangabad has conducted Campus Drive/ Mega job fairs on 8 occasions in collaboration with Dr B.A.M. University and MSSD at Aurangabad and Jalna. A total of 10,947 candidates had registered and 147 companies participated. 4,048 candidates were shortlisted and final appointments were given to about 1,982 candidates.
- During the year 2018 under MCC, NIELIT Aurangabad has also conducted Campus Drive/ Mega job fairs on 5 occasions in collaboration with Dr B.A.M. University and MSSD at Aurangabad and Jalna. A total of 3,064 candidates had registered and 90 companies participated. 1,572 candidates were shortlisted and final appointments were given to about 600 candidates.



Association with other Organizations

- An MoU was signed with CMIA on **16th September, 2017** for referral of Students Projects which have potential of developing into scalable business models and also adoption of their business startup ideas.
- MoU has been made with **Government Institute of Forensic Science**, Aurangabad on 1st March, 2018 for jointly starting P.G. Diploma course in IT Security and Digital Forensics.
- On 11th of May 2018, MoU was signed between NIELIT and Dr. Babasaheb Ambedkar Research and Training Institute (BARTI) for skilling of meritorious students of underprivileged sections of society. The MoU was exchanged between Shri Kailas Kanse, IPS & DG, BARTI and Dr. Sanjeev Kumar Gupta, Executive Director, NIELIT Aurangabad.



SCIENCE DAY 2018
Science Day event with fanfare was celebrated at NIELIT Aurangabad. Students of around 10 schools participated in the event. Shri C. P. Tripathi Advisor of Corporate Social Responsibility and Vice President of Corporate at Bajaj Auto Ltd., was the Chief Guest. Eminent Professor K Kale, DR BAMU and Professor V R Ratnaparkhe, Government College of Engineering and alumni of this Institute judged various student's projects. The best student's projects were also rewarded. All the guests of honour visited various labs and interacted and motivated the students.

FACULTY DEVELOPMENT PROGRAMME SPONSORED BY MSBTE

NIELIT Centre Aurangabad had undertaken two batches of Faculty Development Training Programme which were sponsored by Maharashtra State Board of Technical Education (MSBTE). Successful completion of two batches with well equipped Laboratories and experienced teaching faculties has bagged the Centre with the opportunity to undertake three more batches of Faculty Development Training Programme sponsored by MSBTE. In the first two batches 26 Nos. and 14 Nos. of candidates participated and have upgraded their technical knowledge.





NIELIT KOLKATA

18TH EXECUTIVE COMMITTEE MEETING OF NIELIT KOLKATA

The 18th Executive Committee meeting of NIELIT Kolkata was held on 23rd March 2018 at its Salt Lake Campus, West Bengal. Present in the meeting were Shri Kaushik Halder, IAS, Commissioner, Dept. of IT & Electronics, Govt of W.B.; Dr. Chandan Majumdar, Professor, Dept. CSc, Jadavpur University; Dr. Avijit Bhattacharyya, Principal Consultant; Shri Prodip Mukhopadhyay, General Manager, WBEID; Shri Janak Raj, Registrar, NIELIT; Smt. Chaman Sharma, CFO I/c, NIELIT HQ; Dr. Y. Jayanta Singh, Director, NIELIT Kolkata and other officers of NIELIT Kolkata.



SIGNING OF MoU BETWEEN NIELIT KOLKATA AND WBEIDC



An MoU was signed between Dr. Y. Jayanta Singh, Director, NIELIT Kolkata and West Bengal Electronics Industry Development Corporation (WBEIDC) represented by Shri Kaushik Halder, IAS, Additional Secretary to Govt of West Bengal for skilling 54,000 youths in the districts of WB over a period of 3 years on 4th April, 2018.

REVIEWING OF NIELIT KOLKATA ACTIVITIES

The activities of NIELIT Kolkata were reviewed by Shri Rajiv Kumar, Director General, NIELIT & Joint Secretary, MeitY and Shri Janak Raj, Registrar, NIELIT on 16th April 2018 at both the units of NIELIT Kolkata at Jadavpur University and Salt lake (BF-267, Sector-1, Kol-64).



NIELIT KOLKATA (SALT LAKE UNIT) ROLLS OUT LONG TERM NON-FORMAL TRAINING



NIELIT Kolkata inaugurated one of its most popular Long-Term Courses - NIELIT IT 'O' Level Course at its Salt Lake Campus on 25th May 2018. 25 nos. of candidates have taken admission for this. The students were briefed about the courses and Job opportunities after the course.

INVITED TALK ON 'CAREER OPTIONS IN CLOUD COMPUTING AND BIG DATA ANALYTICS'

In continuation to NIELIT's efforts to organize Invited Talk to upgrade staff and students, Mr. Sakil Barbhuiya, Postgraduate research student, School of Electronics, Electrical Engineering and Computer Science, Queen's University, Belfast, UK and Ms. Esha Barlaskar, Research student Queen's University, Belfast, UK were invited to take a session on 'Career options in Cloud Computing and Big Data Analytics' on 4th April 2018 at NIELIT Kolkata.



INVITED TALK ON BLOCKCHAIN TECHNOLOGY

An Invited Talk on Blockchain Technology was delivered by Shri Kapil Thakur, Senior Consultant, ASG Group, Hong Kong. It was a very informative session and highly useful for our students and faculty members.



NIELIT KOLKATA



EMPOWERMENT OF UNDERPRIVILEGED YOUTHS AND WOMEN



A Seminar was organised on "Empowerment of underprivileged Youths and Women in remote rural locations through Skill Development using Low Cost Technology" at NIELIT Kolkata Salt Lake Campus on 13th April, 2018 to discuss strategic partnership of the stakeholders in the skill development project undertaken by NIELIT Kolkata in the Satjelia island of Sundarban in association with Departments of Information Technology & Electronics; Power & NES; Tourism and Forests, Govt of West Bengal.

The Seminar was attended by Md. Abdul Gani, Special Secretary, Department of Sundarban Affairs, Govt of West Bengal; Prof. Chandan Mazumdar, Dept. of Computer Science & Electronics, Jadavpur University; Shri Debasish Bandyopadhyay, CEO, WBREDA; Shri Amitava Ghosh, Dy. General Manager, West Bengal Tourism Development Corporation Limited; Prof. Saswati Mazumdar, Dept. of Electrical Engineering, Jadavpur University and Shri Anil Mistry, Principal Field Officer, Wild Life Protection Society of India (WPSI) and the representatives of the two schools where the project will be implemented in Sundarban islands. The above dignitaries, who are also the stakeholders of the program, gave informative speeches along with Dr. Y. J. Singh, Director, NIELIT Kolkata and Shri A. Chattopadhyay, Additional Director and Chief Investigator of the Project.

SEMINAR ON "EMERGING TECHNOLOGIES IN IT: DISRUPTIONS, THREATS, CHALLENGES & OPPORTUNITIES"

Director, NIELIT Kolkata attended a one-day seminar on "Emerging Technologies in IT: Disruptions, Threats, Challenges & Opportunities" organised by IETE, Kolkata on IoT, Blockchain, Big Data, AI and other topics on 21st April 2018. There was interaction with Speakers from several reputed organizations such as Accenture, TCS Research Lab, IBM, Cognizant, IETE Kolkata and Professors from several Universities.



INVITED TALK ON ADVANCES IN DIGITAL IMAGE PROCESSING



An Invited Talk on 'Advances in Digital Image Processing' by Dr. Rakesh Jagdish Ramteke, Professor & Head, Department of Information Technology, School of Computer Sciences, North Maharashtra University, Maharashtra was organised by NIELIT Kolkata at its Jadavpur University Campus on 11th May 2018.

CERTIFICATE DISTRIBUTION FOR SKILL DEVELOPMENT COURSES

Certificates were distributed on 4th May, 2018 to the students on successful completion of the two Skill Development Courses jointly offered by NIELIT Kolkata and the Electrical Department of Jadavpur University, namely (i) Electricity & safety practices and (ii) Installation & Maintenance of Electrical & Electronics systems.



KNOWLEDGE EXCHANGE PROGRAM



Students of Government Senior Secondary School, Purkhali visited NIELIT Ropar Campus on 7th May, 2018.

Shri Deepak Wasan, Director I/c, NIELIT Ropar addressed the students, sharing his experience to create awareness amongst the students regarding NIELIT and courses offered by NIELIT. The program provided an informative platform to the students.

NIELIT DELHI

CAPACITY BUILDING OF BROADCAST ENGINEERS AT NATIONAL ACADEMY OF BROADCASTING & MULTIMEDIA (NABM)



A 10 day training program on "Computer Networks and Server Administration Essentials" was conducted at NABM for Broadcast Engineers working with Doordarshan and All India Radio. NABM is an apex training institution of Prasar Bharti, under Ministry of Information and Broadcasting, Govt of

India. The training program was conducted from 14-25 May 2018 and the objective of training was to train broadcasting engineers on latest industry needs in multimedia technology, standards and requirements. Ms. Kanchan Rani, Joint Director and Training Incharge enlightened the participants on NIELIT's role in capacity building of officials/officers of various Govt. departments in the field of Networking and Server Administration and encouraged them to implement new technologies in field of broadcasting in Doordarshan and All India Radio. The training was successfully conducted and certificates were distributed to all participants in Valedictory program held on 25th May 2018.

TRAINING OF DIRECTORATE GENERAL OF RESETTLEMENT (DGR)

NIELIT Delhi Centre has been conducting various training courses for defense personnel sponsored by Directorate General of Resettlement (DGR), Ministry of Defence. Recently the Centre has started two such training courses IT 'O' Level and CHM 'O' Level for JCOs/OR's level officials.



तिमाही हिन्दी कार्यशाला

दिनांक 19 अप्रैल 2018 को नाईलिट दिल्ली केंद्र में तिमाही हिन्दी कार्यशाला का आयोजन किया गया। प्रभारी निदेशक महोदय की अध्यक्षता में आयोजित इस कार्यशाला में गृह मंत्रालय राजभाषा विभाग के पूर्व निदेशक श्री प्रेम सिंह जी मुख्य अतिथि के रूप में शामिल हुए। उन्होंने सभी अधिकारियों एवं कर्मचारियों को राजभाषा नीति, शब्द संधि, संधि विच्छेद वर्तनी, शब्दों की उत्पत्ति विषय पर बड़ी ही मनोरंजक जानकारी दी। प्रभारी निदेशक महोदय ने भी सभी अधिकारियों एवं कर्मचारियों को हिन्दी में कार्य करने के लिए प्रेरित किया।

अंत में संयुक्त निदेशक एवं नामित राजभाषा अधिकारी श्रीमती अल्पना अग्रवाल द्वारा धन्यवाद ज्ञापन के साथ कार्यशाला समाप्त हुई।



AUTOMATIC STREET LIGHT SYSTEM - AN IoT VENTURE BY STUDENTS OF NIELIT DELHI

Students of NIELIT Delhi Centre have developed a project "AUTOMATIC STREET LIGHT SYSTEM" for automatic Street lights maintenance and to reduce power consumption. In this project, automation for street light management is done using wireless architecture. In day light, street lights will be automatically switched off and during night, the street lights will turn on with full brightness if detection of moving articles/ vehicles is there. If there is no traffic or pedestrians, lights will turn on with 25% of brightness. An app was also developed to record the maintenance of the IoT based STREET LIGHT SYSTEM. The Solar panels are used as renewable source of energy to produce electricity which if produced in excess, may be forwarded to Power Station for Public Utilization.



राजभाषा कार्यान्वयन समिति की बैठक

नाईलिट दिल्ली केंद्र में दिनांक 13 अप्रैल 2018 को संस्थान की राजभाषा कार्यान्वयन समिति की तिमाही बैठक का आयोजन किया गया। बैठक की अध्यक्षता प्रभारी निदेशक श्री शमीम खान द्वारा की गई। बैठक में समिति के सभी सदस्यों ने भाग लिया। बैठक में राजभाषा हिन्दी के प्रयोग को बढ़ाने के लिए कई महत्वपूर्ण निर्णय लिए गए। जैसे कि वर्ष 2018-19 के लिए दिल्ली केंद्र में हिन्दी प्रौत्साहन योजना लागू करना, संस्थान की तिमाही पत्रिका हिन्दी वाणी को छापाई करना तथा वरिष्ठ अधिकारियों द्वारा फाइलों पर अधिक से अधिक टिप्पणियाँ हिन्दी में लिखना आदि।

बैठक में उपस्थित सभी अधिकारियों ने हिन्दी का प्रयोग बढ़ाने के लिए पूर्ण सहयोग का आश्वासन दिया।

NIELIT GUWAHATI

TRAINING PROGRAM SPONSORED BY MINISTRY OF DONER

Ministry of DoNER, Govt. of India has entrusted NIELIT with the responsibility to train 10,000 no. of State Govt employees in the North Eastern Region (NER) during 2018. Under NIELIT Guwahati, with operational control of the State of Assam and having Seven Centres / Extension Centres across the state, the training target for the year 2018 is 6837 nos. Till the end of

June 2018, NIELIT Guwahati and its extension centres have trained 2090 Assam Government Employees in this project since 22nd January, 2018. During this period, NIELIT Guwahati has received an overwhelming response from various Assam Govt. Departments and also from the trainees and overall feedback has been found to be excellent.

ADVANCED FACULTY DEVELOPMENT PROGRAMME

NIELIT Guwahati has remotely hosted three Faculty Development Programme on the topics mentioned in the table below which was jointly organised by Electronics and ICT Academies, through NKN network and the programmes were supported by Ministry of Electronics and IT(MeitY), Govt. of India.

different organisations like Gauhati University, Assam; Don Bosco University, Assam; Girijananda Institute of Management and Technology, SLDC Assam etc. participated in the training programme. The participants were greatly benefited from these training programmes.

Name of the faculty development programme	Start Date	End Date	Coordinating Academy	Total number of participants attended the training programmes
Big Data Analytics	21-05-2018	25-05-2018	NIT Warangal	10
5G Communications	11-06-2018	15-06-2018	IIT Guwahati	12
Internet of Things	18-06-2018	22-06-2018	NIT Warangal	22

Research Scholars, Faculty members and students from



NEW STUDY CENTRE AT MAJULI, ASSAM



As per the commitment of the Hon'ble Union Minister for Electronics & IT and Law & Justice, Shri Ravi Shankar Prasad at a meeting held with the Hon'ble Chief Minister of Assam on 30th July, 2017, at Brahmaputra Guest House, Guwahati, to open a new study centre of NIELIT at Majuli, the world's largest river island located in the Brahmapura River near Jorhat. In this connection, a rented building was identified by the Govt. of Assam and jointly inspected by officials of NIELIT Guwahati, NIELIT HQ and Govt. of Assam. After taking due approval, NIELIT Guwahati has now taken over the rented space for establishing the Majuli Study centre of NIELIT. An agreement was signed between the owner of the building and NIELIT Guwahati on 21st May, 2018.

INDUSTRIAL VISIT

On 22nd May, 2018 students of Class X of Kaliabor HS School, Silaghat, Nogaon visited Tezpur Extension Centre of NIELIT Guwahati along with their teachers. The visit was a part of their academic curriculum under NSQF approved course in IT and Retail. The students were provided with an idea about various activities of NIELIT and how they can avail the benefits of NIELIT to shape their career in a better way. Director, NIELIT Guwahati also interacted with the students from Guwahati through Video Conferencing.





NIELIT CALICUT

AWARD OF ADVANCE DIPLOMA IN ICT AND SOCIAL MEDIA FOR GOVERNMENT OFFICIALS

NIELIT Calicut and State Agricultural Management Extension Training Institute, Kerala jointly organized a six months training, Advanced Diploma in ICT and Social Media for Agricultural officers of Kerala. The convocation ceremony of the program was held on 5 April 2018. Hon'ble Minister of Agriculture, Kerala Adv. V. S. Sunil Kumar inaugurated the function and distributed the best performer award. Certificates were distributed to the candidates by Dr Rajashekharan, Chairman, Prices Board. The function was also graced by Shri. C. F. Salins Kumar, SAMETI director in charge, Dr. C Bhaskaran, Retd Prof.

State Agricultural University & Mrs Vimala Mathew, Scientist/ Engineer 'D'.

This was a six months intensive training program offered in online mode. Twenty Five selected agricultural officers attended this program and the course has churned these participants into an IT Task force among the agricultural officers of Kerala. Based on the outcome, the Hon'ble minister has further shown interest to extend the training for all agricultural officers of Kerala using MOOC.



SUMMER TRAINING PROGRAMS FOR THE FACULTIES AND PG STUDENTS THROUGH NKN FACILITY

NIELIT Calicut always ensures that the staff and students are abreast of the latest technologies and as a part of the enrichment, conducted three online (Through NKN Facility) summer training for Faculties and PG students as follows:

1. Training on Artificial Intelligence and Machine Learning, which was coordinated by IIT Roorkee and MNIT Jaipur, between 04-08 June 2018
2. Training on 5G Communications was coordinated by IIT Guwahati and IIT Roorkee, during 11-15 June, 2018

3. Training on Internet of Things (IoT) was coordinated by NIT, Warangal and NIT Patna during 18-22 June 2018.

The course was conducted under the scheme of Ministry of Electronics & Information Technology (MeitY) and Electronics and ICT Academies at 07 (seven) institutions viz. IIT Guwahati, IIT Kanpur, NIT Warangal, NIT Patna IIITDM Jabalpur, IIT Roorkee, and MNIT Jaipur. Around 90 participants attended the program and it was highly beneficial for the staff and students.



M.TECH ADMISSION 2018-19 BATCH @ NIELIT CALICUT

NIELIT Calicut is conducting the M.Tech in Embedded Systems and M.Tech in Electronics Design and Technology. First round of admission to M.Tech courses was conducted on 6th June, A total of 30 students were admitted against the sanctioned seat of 36. Second round is scheduled in first week of July. In addition, 14 students were enrolled with NIELIT Calicut for their second year studies on M.Tech VLSI & Embedded Systems of

DIAT (DRDO) Pune as per the MoU on joint M. Tech program under C2SD project of MeitY.

M.Tech placements are also in progress and three companies Gadgeon, Texas Instruments, Robert Bosche and Path Partners have completed the screening test process and other companies are scheduled for July 2018.



SOME SIGNIFICANT DEVELOPMENTS

ANNUAL DAY CELEBRATION

Annual Day Celebrations forms an integral part of NIELIT Calicut RC activities. It is an occasion of celebration, felicitation, feast and festivity when the officials of NIELIT Calicut and their family members join the occasion and present not only their wonderful performances but also receive honors for their curricular and co-curricular achievements.

The Annual Day 2018 Celebrations was slightly delayed and due to the NIPAH virus fight at Calicut and was celebrated as a Family-get-together on 22nd June, 2018.

The function was presided over by Dr. M P Pillai, Executive Director, NIELIT Calicut. On the occasion Shri Lalmohan K. S., Scientist / Engineer 'E' extended a warm welcome to all the

staff and their families.

The Annual Day Prize Distribution function was a moment of pride and honor for all the winners and achievers of the NIELIT Calicut family. The children were awarded prizes in the Academic as well as Co-Curricular areas. The audience thoroughly enjoyed the performance hosted by Kerala's Leading Puppetry and Mimicry Artists. The function included various Cultural programs by the staff and their family members and networking dinner. Prizes were distributed by Dr. M P Pillai, Executive Director, Shri Baradharajan A, Joint Director (F&A) and Smt. Rajammal Pillai, Administrative Officer, LIC who attended the event as a special invitee.



E- WASTE MANAGEMENT

NIELIT Chennai is implementing e-Waste Management project sponsored by Ministry of Electronics and IT (MeitY), Government of India with the objective to make the Government officials aware about e-Waste, its hazards and management. The program enables them to know how to meet the compliance mechanism of e-waste Management and developing an action plan for disposal of e-waste in their respective organization. Under this Project, 312 Government Officials have been trained so far by NIELIT Chennai.



SKILL DEVELOPMENT PROGRAM



An Advanced Skill Development Training was conducted under the project titled "Electronic Product Design and Production Technology" for students of Sri Krishna College of Engineering & Technology, Coimbatore. Courses on (i) Embedded System Design using Arduino and Control of Robotics Arm and (ii) PCB Design Technology were conducted under the program.

INTERNSHIP TRAINING

3 Weeks Internship Training Program on Internet of Things (IoT) using Raspberry Pi was conducted at NIELIT Chennai for the engineering students.



NEW COURSES @ NIELIT CENTRES

KOLKATA CENTRE

Android Apps Developer

Duration: 80 hrs (1 month)
Eligibility: 2nd year Engineering graduates and above, Graduates with IT knowledge

Big Data Analytics

Duration: 80 hrs (1 month)
Eligibility: 2nd year Engineering graduates and above, Graduates with IT knowledge

IoT using Python

Duration: 80 hrs (1 month)
Eligibility: 2nd year Engineering graduates and above, Graduates with IT knowledge

GIS using QGIS

Duration: 80 hrs (1 month)
Eligibility: 2nd year Engineering graduates and above, Graduates with IT knowledge

MATLAB programming

Duration: 80 hrs (1 month)
Eligibility: 2nd year Engineering graduates and above, Graduates with IT knowledge

Android Apps Development

Duration: 42 hrs and above
Eligibility: Class X passed

IoT using Python

Duration: 42 hrs and above
Eligibility: Class X passed

Office Automation and Practice

Duration: 42 hrs and above
Eligibility: Class X passed

Assembly & Maintenance of PC

Duration: 42 hrs and above
Eligibility: Class X passed

Desk Top Publishing

Duration: 42 hrs and above
Eligibility: Class X passed

Soft Skill

Duration: 42 hrs and above
Eligibility: Class X passed

Multimedia

Duration: 42 hrs and above
Eligibility: Class X passed

Financial Accounting

Duration: 42 hrs and above
Eligibility: Class X passed

Solar Technologies

Duration: 42 hrs and above
Eligibility: Class X passed

NEW COURSES @ NIELIT CENTRES

DELHI CENTRE

Certificate Course in Big Data & Hadoop

Duration: 60 Hours
Eligibility: Undergoing B.E.(CS/IT)/ B. Tech(CS/IT)/MCA/ M.Sc.(CS/IT)/ B.Sc(CS/IT)/ BCA Or NIELIT O/A/B -Level/PGDCA

IoT (Internet Of Things) using Raspberry Pi

Duration: 60 Hrs. / 80Hrs. (With Project)
Eligibility: Pursuing/Passed BE/ B.Tech/ BCA/ BSc/ NIELIT 'O' Level with graduation/ NIELIT 'A' Level

Certificate Course In VLSI Design

Duration: 80 Hours
Eligibility: Pursuing/ Completed Engineering Students

Certificate Course in Embedded System Design using ARM/ CORTEX Microcontroller

Duration: 80 Hours
Eligibility: Engineering Graduates (Undergoing also)

CALICUT CENTRE

Solar Power Installation Operation and Maintenance

Duration: 3 Weeks
Eligibility: 10+2, Diploma, Any Graduate

Certificate course on Python with Raspberry Pi

Duration: 2 Weeks
Eligibility: Currently pursuing B.E/ B.Tech Course in Electronics/ allied subjects

Certificate Course in Network Administration and Security

Duration: 6 Weeks
Eligibility: Three year Polytechnic Diploma/Any Degree

Certificate Course in Computer Aided Design using CREO

Duration: 4 Weeks
Eligibility: B.E/B.Tech/ Diploma/ in Mechanical, Production, Automobile, Tool & Die, Industrial Engineering, Mechatronics, Electrical Electronics and Allied branches

PG Diploma in Embedded System Design

Duration: 24 Weeks
Eligibility: M.E./ M.Tech or B.E./ B.Tech in Electronics/ Electronics & Communication/ Electrical/ Electrical and Electronics/ Instrumentation/ Biomedical/ Computer Science/ Information Technology or MSc in Electronics/ Instrumentation/ Computer Science/ Information Technology

PG Diploma in IoT and AI for Industry 4.0

Duration: 24 Weeks
Eligibility: M.E./M.Tech or B.E./ B.Tech in Electronics/ Electronics & Communication/ Electrical/ Electrical and Electronics/ Instrumentation/ Biomedical/ Computer Science/ Information Technology or MSc in Electronics/ Instrumentation/ Computer Science/ Information Technology

Advanced PG Diploma in Electronic Product Design and Manufacturing

Duration: 48 Weeks
Eligibility: M.E/ M.Tech/ BE/ B.Tech (ECE/ EEE/ AEI/ CSE/ IT/ Mechatronics/ Biomedical and allied branches) Or M.Sc (Electronics/ CS)

PG Diploma in VLSI & Embedded Hardware Design

Duration: 24 Weeks
Eligibility: M.E/ M.Tech/ BE/ B.Tech (ECE/ EEE/ AEI/ CSE/ IT/ Biomedical/ Medical Electronics, Mechatronics and allied branches)/ M.Sc (Electronics/ CS)



Celebration of 4th International Day of Yoga



Celebration of 127th Birth Anniversary of Dr. B.R Ambedkar



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