



National Institute of Electronics and Information Technology

राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान

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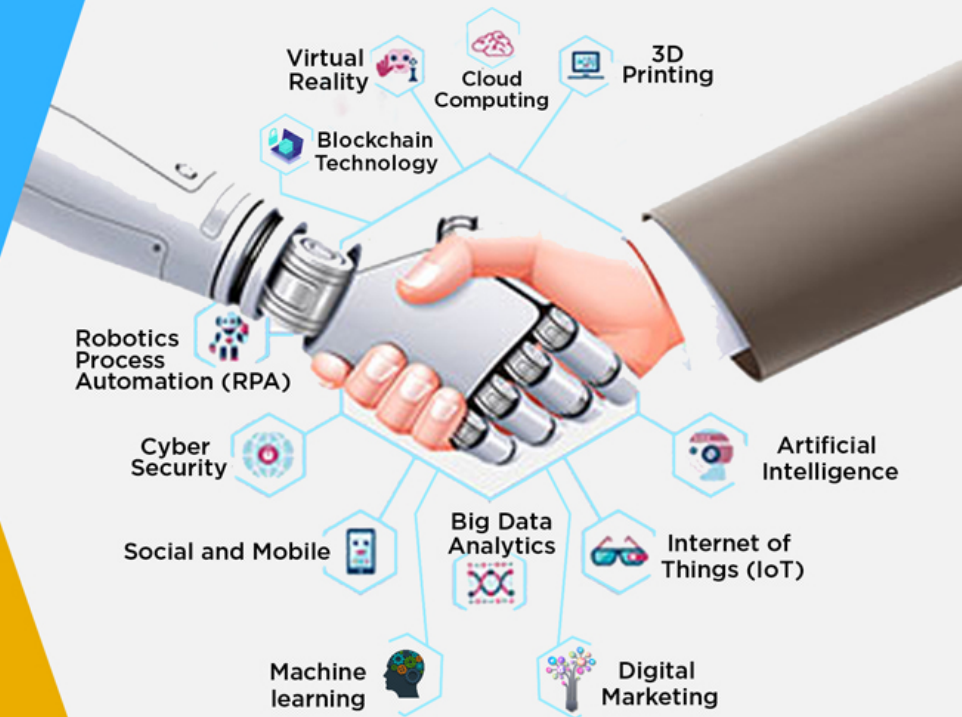


सत्यमेव जयते

Ministry of Electronics and
Information Technology
Government of India

FUTURE SKILLS PRIME

(Programme for Re-skilling/Up-skilling of
IT Manpower for Employability)



2021
CALENDAR



2021

JANUARY

BLOCKCHAIN TECHNOLOGY

Blockchain Technology is a distributed ledger system that promotes decentralization, transparency and data integrity.

Under FutureSkills PRIME Project:

Lead Centre: NIELIT Kolkata

Co-Lead Centres: NIELIT Jammu/Srinagar & NIELIT Patna

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HOLIDAYS

- | | |
|---------------------------|---------------------------------|
| 1 New Year | 20 Guru Govind Singh's Birthday |
| 13 Lohri | 26 Republic Day |
| 14 Makar Sankranti/Pongal | |



2021

FEBRUARY

ROBOTICS PROCESS AUTOMATION (RPA)

The IT and software world advances to the next phase with every passing seconds. Robotic Process Automation (RPA) is one such silent revolution in the IT industry that is quite well expected to gain higher potential in terms of both usage and workforce implementation in near future.

Under FutureSkills PRIME Project:

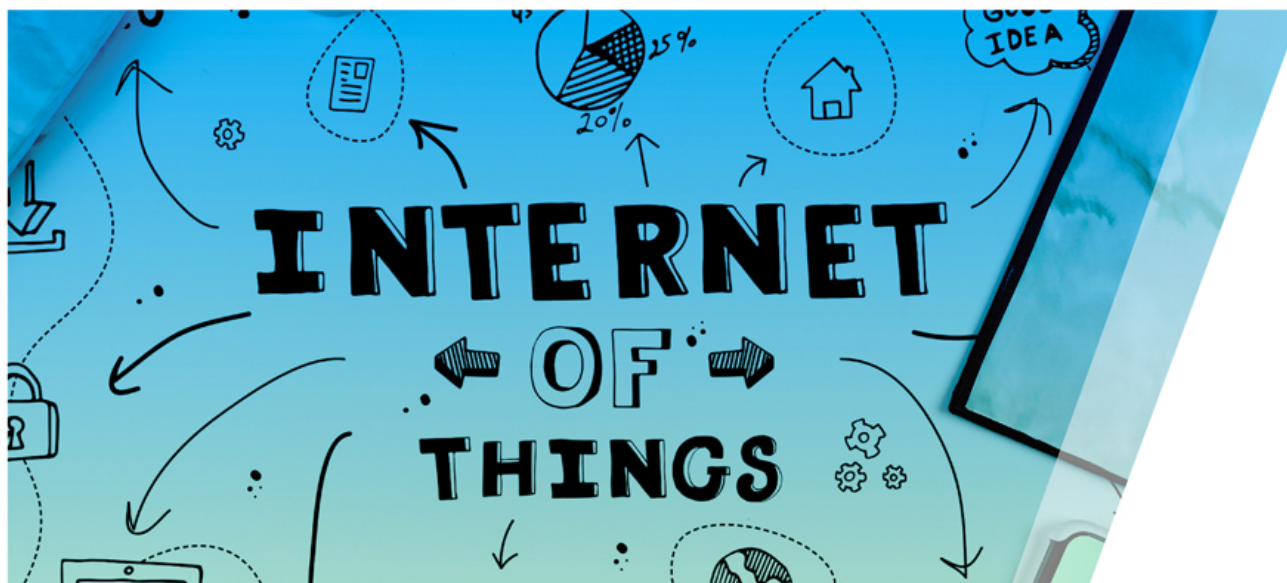
Lead Centre: NIELIT Aurangabad

Co-Lead Centres: NIELIT Chennai & NIELIT Gorakhpur

HOLIDAYS

- 16** Basant Panchami/Sri Panchmi
- 19** Shivaji Jayanti
- 26** Hazarat Ali's Birthday
- 27** Guru Ravi Das's Birthday

MON	TUE	WED	THU	FRI	SAT	SUN
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2021

MARCH

INTERNET OF THINGS (IOT)

IoT describes the network of physical objects that are embedded with sensors & software for connecting and exchanging data with other devices over the Internet.

Under FutureSkills PRIME Project:

Co-Lead Centres: NIELIT Aurangabad, NIELIT Calicut & NIELIT Chennai

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HOLIDAYS

- 8 Swami Dayanand Saraswati Jayanti
- 11 Maha Shivaratri
- 28 Holika Dahan
- 29 Holi



2021

APRIL

ARTIFICIAL INTELLIGENCE (AI)

Artificial Intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions.

Under FutureSkills PRIME Project:

Co-Lead Centres: NIELIT Agartala, NIELIT Calicut & NIELIT Delhi

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HOLIDAYS

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|--------------------------------|----------------------------|
| 2 Good Friday | 15 Vaisakhadi / Bahag Bihu |
| 4 Easter Sunday | 21 Ram Navami |
| 13 Chaitra Sukhladi/Vaisakhi | 25 Mahavir Jayanti |
| 14 Mesadi/Tamil New Year'S Day | |



2021

MAY

SOCIAL AND MOBILE- MOBILE APPLICATION/ UI/ UX DEVELOPMENT

A social and mobile technology facilitates sharing of ideas, thoughts and information through the building of virtual networks and communities over mobile devices.

Under FutureSkills PRIME Project:

Co-Lead Centres: NIELIT Aurangabad, NIELIT Agartala & NIELIT Delhi

HOLIDAYS

7 Jamat-UI-Vida

9 Guru Rabindranath's Birthday

14 Id-UI-Fitr

26 Budha Purnima

MON	TUE	WED	THU	FRI	SAT	SUN
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Big Data ANALYTICS



2021

JUNE

BIG DATA ANALYTICS

Big Data analytics is the process of collecting, organizing and analysing large sets of data to discover patterns and other useful information.

Under FutureSkills PRIME Project:

Co-Lead Centres: NIELIT Chandigarh, NIELIT Imphal & NIELIT Kolkata

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HOLIDAYS





2021

JULY

CLOUD COMPUTING

Cloud computing is internet-based computing, whereby shared resource, software and information are provided to computers and other devices on demand.

Under FutureSkills PRIME Project:

Co-Lead Centres: NIELIT Delhi & NIELIT Guwahati

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HOLIDAYS

12 Rath Yatra

21 Id-UI-Zuha(Bakrid)



3D Printing Additive Manufacturing



2021

AUGUST

3D PRINTING/ ADDITIVE MANUFACTURING

3D Printing/ Additive Manufacturing is now being used increasingly in series production. It gives Original Equipment Manufacturers (OEMs) the opportunity to create a distinctive profile based on new customer benefits, cost-saving potential and the ability to meet sustainability goals.

Under FutureSkills PRIME Project:

Lead Centre: NIELIT Calicut

Co-Lead Centres: NIELIT Aurangabad & NIELIT Chennai

HOLIDAYS

- | | |
|--------------------------------|-------------------------------|
| 15 Independence Day | 21 Onam Day or Thiru Onam Day |
| 16 Parsi New Year's Day/Nauraj | 22 Raksha Bandhan |
| 19 Muharram | 30 Janmashtami |

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Augmented & Virtual Reality



2021 SEPTEMBER

VIRTUAL REALITY (VR)

Virtual Reality refers to the computer-generated simulation in which a person can interact within an artificial three-dimensional environment using electronic devices.

Under FutureSkills PRIME Project:

Co-Lead Centres: NIELIT Chandigarh, NIELIT Gangtok & NIELIT Kolkata

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HOLIDAYS

10 Vinayaka Chaturthi/Ganesh Chaturthi



2021

OCTOBER

CYBER SECURITY

Cyber Security consists of technologies, processes and controls designed to protect systems, networks, programs, devices and data from cyber-attacks.

Under FutureSkills PRIME Project:

Co-Lead Centres: NIELIT Kohima & NIELIT Patna

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HOLIDAYS

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|-----------------------------|------------------------------------|
| 2 Mahatma Gandhi's Birthday | 15 Dussehra |
| 12 Dussehra (Saptami) | 19 Milad-un-Nabi |
| 13 Dussehra (Mahashtami) | 20 Maharishi Valmiki's Birthday |
| 14 Dussehra (Mahanavmi) | 24 Karaka Chaturthi (Karwa Chauth) |

Robotics Training for School Children



2021 NOVEMBER

ROBOTICS FOR SCHOOL CHILDREN

Introduction of STEM (Science, Technology, Engineering, Mathematics) skills, modelling of craft paper robots, typing in English, Assamese & Hindi and PC management. Robotics training using LEGO MINDSTORMS EV3 intelligent bricks, modelling and controlling the Robots using arms, motors and touch sensors. Racing and dancing programming of Robots using PC or Smart Phones, to the young minds.

HOLIDAYS

- | | |
|---------------------|--------------------------------------|
| 3 Naraka Chaturdasi | 10 Surya Shashthi (Chhath Puja) |
| 4 Diwali | 19 Guru Nanak's Birthday |
| 5 Govardhan Puja | 24 Guru Tegh Bahadur's Martyrdom Day |
| 6 Bhai Duj | |

MON	TUE	WED	THU	FRI	SAT	SUN
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2021

DECEMBER

DIGITAL MARKETING

Digital marketing is the use of the Internet, mobile devices, social media, search engines, and other channels to reach customers.

NIELIT offers Certification Course in Digital Marketing and Certificate Course in Advanced Digital Marketing to provide an in-depth training in use of Digital Marketing.

MON	TUE	WED	THU	FRI	SAT	SUN
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27	28	29	30	31		

HOLIDAYS

24 Christmas Eve

25 Christmas Day



To address the disruption created by industry 4.0 technologies and the need to up-skill a large number of working employees and fresh candidates, Ministry of Electronics and Information Technology, Govt. of India has approved project titled- "FutureSkills Prime". The project is aimed to create an up-skilling/ re-skilling echo system in emerging and futuristic technologies like Artificial Intelligence, Internet of Things, Block Chain and Additive manufacturing etc. Under the project, capacity building will be carried out through skilling & re-skilling, entrepreneurship development & innovation, training of trainers, and awareness amongst Govt./PSU employees in the core areas identified.

NIELIT is one of the implementing agencies in the project. In every core area, NIELIT Centres are either Lead or Co-Lead Resource Centre (RC). Out of 10 core areas, NIELIT Centres at Calicut, Kolkata and Aurangabad are Lead RC in 3 core areas namely- 3D Printing/ Additive Technology, Blockchain Technology and Robotics Process Automation respectively. Out of 30 Co-Lead Resource Centres, 25 are from NIELIT. NIELIT is an important entity in implementation of the project, given its Pan-India presence.

#	Centre Name	Technology	Centre's Role	Nodal Officer	E-Mail ID
1	NIELIT Agartala	Artificial Intelligence	Resource Co-Lead	Sh. Jeetendra Kumar Singh	jksingh@nielit.gov.in
		Social and Mobile-Mobile Application/ UI/ UX Development	Resource Co-Lead	Sh. Niladri Das	niladridas@nielit.gov.in
2	NIELIT Aurangabad	Robotics Process Automation (RPA)	Resource Lead	Sh. Sasi Kumar G	sasi@nielit.gov.in
		Social and Mobile-Mobile Application/ UI/ UX Development	Resource Co-Lead	Sh. Lakshman Korra	lakshman@nielit.gov.in
		Internet of Things	Resource Co-Lead	Sh. Th Sunil Kumar Singh	thsunil@nielit.gov.in
		3D printing/ Additive Manufacturing	Resource Co-Lead	Sh. Sasi Kumar G	sasi@nielit.gov.in
3	NIELIT Calicut	3D printing/ Additive Manufacturing	Resource Lead	Sh. K S Lalmohan	lalmohan@nielit.gov.in
		Internet of Things	Resource Co-Lead	Sh. K M Martin	martin@nielit.gov.in
		Artificial Intelligence	Resource Co-Lead	Ms. Vimala Mathwe	vimala@calicut.nielit.in
4	NIELIT Chandigarh	Big Data Analytics	Resource Co-Lead	Dr. Manish Arora	manisharora@nielit.gov.in
		Virtual Reality	Resource Co-Lead	Dr. Manish Arora	manisharora@nielit.gov.in
5	NIELIT Chennai	3D printing/ Additive Manufacturing	Resource Co-Lead	Sh. Munivel E	munivel@nielit.gov.in
		Internet of Things	Resource Co-Lead	Sh. Ishant Kr Bajpai	dir-chennai@nielit.gov.in
		Robotics Process Automation (RPA)	Resource Co-Lead	Sh. Ripunjay Singh	ripunjay@nielit.gov.in
6	NIELIT Delhi	Artificial Intelligence	Resource Co-Lead	Sh. Partho P Adhikari	partho@nielit.gov.in
		Cloud Computing	Resource Co-Lead	Ms. Sheetal Chopra	sheetalchopra@nielit.gov.in
		Social and Mobile-Mobile Application/ UI/ UX Development	Resource Co-Lead	Sh. Akash Sharma	akash@nielit.gov.in
7	NIELIT Gangtok	Virtual Reality	Resource Co-Lead	Sh. Khagendra Sharma	khagendra@nielit.gov.in
8	NIELIT Gorakhpur	Robotics Process Automation (RPA)	Resource Co-Lead	Sh. S.K. Singh	Sksingh@nielit.gov.in
9	NIELIT Guwahati	Cloud Computing	Resource Co-Lead	Sh. Piyush Shrivastava	piyush@nielit.gov.in
10	NIELIT Imphal	Big Data Analytics	Resource Co-Lead	Sh. Th. Prameshwor Singh	tpsingh@nielit.gov.in
11	NIELIT Kohima	Cyber Security	Resource Co-Lead	Sh. L. Lanuwabang	dir-kohima@nielit.gov.in
12	NIELIT Kolkata	Block chain Technology	Resource Lead	Sh. V. Krishnamurthy	dir-kolkata@nielit.gov.in
		Big Data Analytics	Resource Co-Lead	Sh. V. Krishnamurthy	dir-kolkata@nielit.gov.in
		Virtual Reality	Resource Co-Lead	Sh. V. Krishnamurthy	dir-kolkata@nielit.gov.in
13	NIELIT Patna	Block chain Technology	Resource Co-Lead	Sh. Alok Tripathi	dir-patna@nielit.gov.in
		Cyber Security	Resource Co-Lead	Sh. Alok Tripathi	dir-patna@nielit.gov.in
14	NIELIT Srinagar/Jammu	Block chain Technology	Resource Co-Lead	Sh. Ashaq Hussain Dar	ashaq@nielit.gov.in

PAN INDIA PRESENCE OF NIELIT

S.No	CENTRE NAME	CENTRE ADDRESS	CONTACT NUMBER	e-MAIL
1.	NIELIT AGARTALA	Opposite NEEPCO, R.K.Nagar, Khayerpur, Agartala-799008, (Tripura ,West)	0381-2391010	dir-agartala@nielit.gov.in
2.	NIELIT AIZAWL	Aizawl Industrial, Estate, Zuangtui, Aizawl-796017, (Mizoram)	0389-2350581	dir-aizawl@nielit.gov.in
3.	NIELIT AJMER	Village-Kohda, Kota Road, Tehsil-Kekri, Ajmer, 305408 (Rajasthan)	09096106882	dir-ajmer@nielit.gov.in
4.	NIELIT ALAWALPUR	Adarsh Computer Aksharta Kendra, Alawalpur (Patna)	09431011532	dir-patna@nielit.gov.in
5.	NIELIT AURANGABAD	CEDTI Complex Dr. B.A.M. University Campus, Aurangabad, 431004, (Maharashtra)	0240-2982050	dir-aurangabad@nielit.gov.in
6.	NIELIT BHUBANESWAR	OCAC Tower, 3rd Floor, North Side, Acarya Vihar, Bhubaneswar, 751013 (Odisha)	09423149900	dir-bbsr@nielit.gov.in
7.	NIELIT CALICUT	Post Box No. 5, P. O. NIT Campus, Calicut, 673601,(Kerala)	0495-2287123	dir-calicut@nielit.gov.in
8.	NIELIT CHANDIGARH	NIELIT Ropar Campus Birla Farms Bada Phull Rupnagar, 140001 (Punjab)	0172-2236453	dir-chandigarh@nielit.gov.in
9.	NIELIT CHENNAI	25, ISTE Complex, Gandhi Mandapam Road, Near Anna University, Campus, Chennai, 600025, (Tamil Nadu)	044-24421445	dir-chennai@nielit.gov.in
10.	NIELIT CHUCHUYIMLANG	Gandhi Ashram, NH 61 Aimguri Road, Chuchuyimlang, Mokokchung, 798614 (Nagaland)	0369-2261357	chuchuyimlang@nielit.gov.in
11.	NIELIT CHURACHANDPUR	Hill, Town Opposite Laitui Pharmacy, Churachandpur, 795128 (Manipur)	03874-236866	dir-imphal@nielit.gov.in
12.	NIELIT DELHI	2nd Floor, Parsavnath Metro Mall, Inder Lok Metro Station, Inderlok, 110052 (Delhi)	011-23644149	dir-delhi@nielit.gov.in
13.	NIELIT DIBRUGARH	1st Floor, Administrative Block, Lahowal College, Lahool, Dibrugarh, 786010, (Assam)	03732381546	dir-guwahati@nielit.gov.in
14.	NIELIT GANGTOK	Indira Bypass Road, Sichey, Near KBT Fuel (Petrol Pump), Gangtok, 737101 (Sikkim)	03592-205609	dir-gangtok@nielit.gov.in
15.	NIELIT GORAKHPUR	MMM University of Technology Campus, Deoria Road, Gorakhpur, 273010 (Uttar Pradesh)	0551-2273371	dir-gorakhpur@nielit.gov.in
16.	NIELIT GUWAHATI	1st & 2nd Floor, Vittiya Bhavan, AFC Building, Md. Shah Road, Paltan Bazar, Guwahati, 781008, (Assam)	0361-2131568	dir-guwahati@nielit.gov.in
17.	NIELIT HARIDWAR	Govt. Polytechnic Plot No. 6C, Sector -11, SIDCUL, Haridwar, 249403 (Uttarakhand)	09958689995	dir-haridwar@nielit.gov.in
18.	NIELIT IMPHAL	Akampat, Post Box No. 104, Imphal, 795001 (Manipur)	0385-2454109	dir-imphal@nielit.gov.in
19.	NIELIT ITANAGAR	Shiv Mandir Road, E- Sector, Nahurlagun, Itanagar, 791110 (Arunachal Pradesh)	0360-2351854	dir-itanagar@nielit.gov.in
20.	NIELIT JAMMU	New Campus, University of Jammu Dr. B.R. Ambedkar Road, 180004 (Jammu)	0191-2451849	dir-srinagar@nielit.gov.in
21.	NIELIT JORHAT	Above SBI, 1st Floor, ISBT, Tarajan, Kotokipukhuri Pukhuri, Jorhat, -785001, (Assam)	0376-2370132	dir-guwahati@nielit.gov.in
22.	NIELIT KOHIMA	Meriema, New High Court Complex, Post Box No.733, Kohima, 797001 (Nagaland)	09436142955	dir-kohima@nielit.gov.in
23.	NIELIT KOKRAJHAR	Above SBI, North Kokrajhar Branch, JD Road, Tengapara, Kokrajhar, 783370, (Assam)	3661-271267	dir-guwahati@nielit.gov.in
24.	NIELIT KOLKATA	Jadhavpur University Campus, Kolkata, 700032 (West Bengal)	033-24146261	dir-kolkata@nielit.gov.in
25.	NIELIT KURUKSHETRA	Govt. Polytechnic Campus, NH-1, Near Umri Chowk, Umri, Kurukshetra, 136131 (Haryana)	01744-278035	dir-kurukshetra@nielit.gov.in
26.	NIELIT LEH	Old Education Building, Council Secretariat Complex, Opposite SNM Hospital, 194101 (Leh)	01982-255054	dir-srinagar@nielit.gov.in
27.	NIELIT LUCKNOW	Sumit Complex, A-1/9, Vibhuti Khand, Gomti Nagar, Lucknow, 226010 (Uttar Pradesh)	0522-2720590	lucknow@nielit.gov.in
28.	NIELIT LUNGLEI	Industrial Estate, Zuangtui, Aizawl 796017, (Mizoram)	0389-2350581	aizawl@nielit.gov.in
29.	NIELIT MAJULI	First Floor, Near Garamur Petrol Pump, NLK Road, Garamur, Majuli, 785104 (Assam)	09435548598	dir-guwahati@nielit.gov.in
30.	NIELIT MANDI	Ground Floor, DC Office Building, Mandi, 175001 (Himachal Pradesh)	01905236810	dir-shimla@nielit.gov.in
31.	NIELIT PALI	Manpura Bhakri Near Sadar Thana Pali -306401, (Rajasthan)	0293- 2284805	dir-pali@nielit.gov.in
32.	NIELIT PASIGHAT	Near Shiv Mandir, E Sector, Naharlagun, 791110, (Arunachal Pradesh)	09856108333	pasighat@nielit.gov.in
33.	NIELIT PATNA	Near IIT Patna, Amhara, Bihta, Patna, 801106 (Bihar)	0612-2219134	dir-patna@nielit.gov.in
34.	NIELIT RANCHI	RAIDA Bhavan, (2nd Floor), Main Road, (Opp. GEL Church), Ranchi, 834001, (Jharkhand)	0651-2332554	dir-ranchi@nielit.gov.in
35.	NIELIT SENAPATI	Angkailongdi, Senapati, 795106, (Manipur)	03871-222646	senapati@nielit.gov.in
36.	NIELIT SHILLONG	2nd Floor, MMR.FCS Building, Behind Bethany Hospital, Nongrim Hills, Shillong, 793003, (Meghalaya)	0364-2520166	dir-shillong@nielit.gov.in
37.	NIELIT SHIMLA	Hotel Cedarwood Building, Lower Jakhoo Road, Shimla, 171001 (Himachal Pradesh)	0177-2650613	dir-shimla@nielit.gov.in
38.	NIELIT SILCHAR	Old Guest House No.1, NIT Silchar, Cachar, 788010, (Assam)	03842-241039	dir-guwahati@nielit.gov.in
39.	NIELIT SRINAGAR	SIDCO Electronics Complex, Old Airport Road, Rangreth, 191132 (Srinagar)	0194-2300501	dir-srinagar@nielit.gov.in
40.	NIELIT TEZPUR	Centre, 2nd Floor, ICCW Building, Near Civil Hospital Tezpur, 784001, (Guwahati)	0371-2230310	tezpur@nielit.gov.in
41.	NIELIT TEZU	DIC Office, Tezu, Lohit - 792001, (Arunachal Pradesh)	0360-2351854	dir-itanagar@nielit.gov.in
42.	NIELIT TURA	Dakopgre, Near Dikki Bandi Stadium, Tura, West Garo Hills District, 794101, (Meghalaya)	03651-233068	tura@nielit.gov.in