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ਦਫਤਰ: ਡਾਇਰੈਕਟੋਰੇਟ ਆਫ ਸਕੂਲ ਐਜੂਕੇਸ਼ਨ (ਸੈਕੰਡਰੀ) ਪੰਜਾਬ,  
ਸ.ਅ.ਸ.ਨਗਰ।  
(ਸੈਕੰਡਰੀ ਸਿਖਿਆ ਸ਼ਾਖਾ)

Email id: [dpiseadsa@Punjabeducation.gov.in](mailto:dpiseadsa@Punjabeducation.gov.in)

ਸੇਵਾ ਵਿਖੇ

ਸਮੂਹ ਜਿਲ੍ਹਾ ਸਿਖਿਆ ਅਫਸਰ(ਸੈ.ਸਿ.)  
ਪੰਜਾਬ।

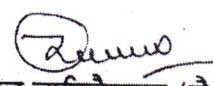
29  
26/5/23

ਮੀਮੇ ਨੰਬਰ ਈ 353206 ਸੈ.ਸਿ(1)/2023/46118

ਮਿਤੀ: ਸ.ਅ.ਸ.ਨਗਰ 26-05-2023

ਵਿਸ਼ਾ:- NEILIT ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ ਵੱਖ ਵੱਖ ਕੋਰਸਾਂ ਸਬੰਧੀ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਜਾਗਰੂਕ ਕਰਵਾਉਣ ਸਬੰਧੀ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ ਆਪ ਨੂੰ ਰਾਸ਼ਟਰੀ ਇਲੈਕਟ੍ਰੋਨਿਕ ਅਤੇ ਸੂਚਨਾ ਤਕਨਾਲੋਜੀ ਸੰਸਥਾਨ ( NEILIT ) ਵੱਲੋਂ ਪ੍ਰਾਪਤ ਪੱਤਰ ਦੀ ਕਾਪੀ ਸਮੇਤ ਸਹਿਪੱਤਰਾਂ ਦੇ ਭੇਜਦੇ ਹੋਏ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਆਪਣੇ ਜਿਲ੍ਹੇ ਦੇ ਸੀਨੀਅਰ ਸੈਕੰਡਰੀ ਸਕੂਲਾਂ ਨੂੰ ਪੱਤਰ ਭੇਜ ਕੇ ਸੰਸਥਾ ਵਿੱਚ ਚਲਦੇ ਕੋਰਸਾਂ ਸਬੰਧੀ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਜਾਣੂ ਕਰਵਾ ਦਿੱਤਾ ਜਾਵੇ।

  
ਸਹਾਇਕ ਡਾਇਰੈਕਟਰ (ਸੈ.ਸਿ.)

ਦਫਤਰ ਸਿੱਖਿਆ ਅਫਸਰ (ਸੈ.ਸਿ) ਚੰਡੀਗੜ੍ਹ  
ਪਿਠ ਆਰਡ ਨੰ. ਸ-7/1 ( ) 2023/633 ਮਿਤੀ: 30/5/2023

ਇਸ ਪੱਤਰ ਦੀ ਉਤਾਰਾ ਸਿੱਖਿਆ ਚੰਡੀਗੜ੍ਹ ਦੇ ਸੀਨੀਅਰ ਸੈਕੰਡਰੀ ਸਕੂਲਾਂ ਨੂੰ ਭੇਜਣਾ ਸਤੇ ਚੰਗੇ ਗੁਣਵਾਦੀ ਨਿੱਤੇ ਭੇਜਿਆ ਜਾਂਗਾ ਤਾਂ।

ਇਕਬਾਲ ਸਿੰਘ  
30/5/23  
ਉ.ਕਿ. ਸਿ. ਸ (ਸੈ. ਸਿ)  
ਚੰਡੀਗੜ੍ਹ

# NIELIT Chandigarh



An Autonomous Scientific Society under the administrative control of  
Ministry of Electronics & Information Technology,  
Government of India

Announces

## ADMISSION TO BCA, B.SC. (HONS IN CS) & PGDCA (Affiliated to Punjabi University, Patiala)

### COURSES OFFERED

- **B.SC(HONS. IN COMPUTER SCIENCE)**  
Eligibility:10+2
- **BCA**  
Eligibility:10+2
- **PGDCA**  
Eligibility: Graduation

Highly Trained & Qualified Faculty

State of Art Infrastructure

Hostel Available

Link for Query



**FREE FOR SC/ST CANDIDATES**  
(As per govt Rules)

**LIMITED SEATS**

Ph No. 01881-257008, 0172-265012  
email: training.chd@nielit.gov.in

<https://nielit.gov.in/chandigarh/index.php>

**COURSE COORDINATOR:**

Ms. Meenu Dhir  
9779131848

**Permanent Campus at Ropar:**

Bada Phull, Birla Farms,  
Near IIT Ropar, Ropar-140001



/chd\_nielit/



nielitchandigarh



chd\_nielit

राष्ट्रीय इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी संस्थान (रा.इ.सू.प्रौ.सं.) चंडीगढ़  
 National Institute of Electronics and Information Technology (NIELIT), Chandigarh

(इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की स्वायत्त वैज्ञानिक संस्था)  
 (An Autonomous Scientific Society of Ministry of Electronics and Information Technology, Govt. of India)

Birla Farms, Bada Phull, Rupnagar, Punjab - 140001.

Chandigarh Facility:-IETE Building, Plot No. M-925, Sector 30B, Chandigarh -160030

NIELIT/CHD/2023/FORMAL/ 2058

28-4-2023

Director Public Instructions(Secondary Education)  
 Vidya Bhawan (Punjab School Education Board)  
 Block E, Fourth Floor, Phase VIII, Mohali

*Handwritten signature and date:*  
 04/05/2023  
 AD (Secondary)

Dear Sir

I take this opportunity to introduce NIELIT Chandigarh. NIELIT is an autonomous scientific society under administrative control of Ministry of Electronics and Information Technology, Government of India. NIELIT Chandigarh is one of the 47 centres of NIELIT which are situated pan India. The permanent campus of NIELIT Chandigarh is in Ropar and extension centre is at Chandigarh.

NIELIT Chandigarh apart from skilling courses, also conducts Punjabi University affiliated degree and diploma courses. NIELIT Chandigarh at its permanent campus Ropar offers three courses: i.e. BCA, BSC Honors in Computer Science, and PGDCA, which are perfect for students who are interested in pursuing a career in the Information Technology industry.

The Bachelor of Science Honors in Computer Science program is a three-year undergraduate course that goes into greater depth. It covers a range of topics, including software engineering, operating systems, and computer graphics, and prepares students for advanced careers in the technology sector. Similarly, BCA and PGDCA courses have subjects as per industry requirement. These programs provide comprehensive understanding of the fundamentals of computer science and prepares students for careers in various fields, such as software development, database administration, and web design. The detailed information on these courses are attached at Annexure 1 as brochure.

We would like to request you to kindly circulate attached brochure to all the schools in Punjab so that interested candidates, who want to pursue career in the field of computer science, can join the programs. We believe that our programs and experience faculty will provide a valuable opportunity for students to enhance their knowledge and skills and prepare for successful careers in the ever-evolving field of technology. Further, it is informed that these courses are free for SC/ST candidates as per the government rules and scheme.

Please feel free to contact undersigned for further details. The information about NIELIT Chandigarh is attached at Annexure 2. We hope you will make candidate aware about these courses by circulating among schools under your department.

Thanking you.

Yours Sincerely,

*Handwritten signature of Dr. Manish Arora*  
 (Dr Manish Arora)

Additional Director

मुख्यालय : नाइलिट भवन, प्लॉट नंबर ३, पीएसपी पॉकेट, सेक्टर - ८, द्वारका, नई दिल्ली - 110077

HQs : NIELIT Bhawan, Plot No. 3, PSP Pocket, Sector 8, Dwarka, New Delhi -110 077. ईमेल/Email: contact@nielit.gov.in

Helpline No. (Toll Free)-1800116511, Phone- 91-11-25308300 वेबसाइट/Website: <http://www.nielit.gov.in/>

दूरभाष/Phone: Ropar Reception- 01881-257005

ईमेल/Email: dir-chandigarh@nielit.gov.in

Chandigarh Reception- 0172-2650121

वेबसाइट/Website: <http://www.nielit.gov.in/chandigarh>

## 1. About NIELIT

National Institute of Electronics & Information Technology (NIELIT) is skill development and Capacity Building arm of Ministry of Electronics & Information Technology (MeitY), Government of India. NIELIT's 41 Centres / Extension Centres and a network of 700+ Accredited Centres and 8000+ Facilitation Centres are providing services for this purpose. NIELIT has Headquarters at New Delhi. NIELIT is engaged in skill development and development of human resources in the areas of IT, Electronics, Communications Technologies, Hardware, Cyber Law, Cyber Security, IPR, GIS, Cloud Computing, e-Governance and related verticals. NIELIT is also the preferred agency for many State Governments for rolling out IT Literacy programmes for its employees and the masses.

Over the last two decades, NIELIT has acquired very good expertise in IT training, through its wide repertoire of courses, ranging from 'O' Level (Foundation), 'A' Level (Advance Diploma), 'B' Level (MCA equivalent), 'C' Level (M-Tech level), IT literacy courses such as CCC (Course on Computer Concept), BCC (Basic Computer Course) and other such long term and short term course in the non-formal sector like courses on Information Security, ITeS-BPO (Customer Care/Banking), Computer Hardware Maintenance (CHM-O/A level), Bio-Informatics (BI-O/A/B level), ESDM etc, besides, high end courses offered by NIELIT Centres at Post-Graduate level (M.Tech) in Electronics Design & Technology, Embedded Systems etc. which are not normally offered by Universities/Institutions in the formal sector, in association with the respective state Universities.

NIELIT is effectively playing its role in Skill India Mission of the Government. To achieve its objective, NIELIT aligned 75 Skill Development Courses in Electronics (43) and Information Technology (32) areas under National Skill Qualification Framework (NSQF). The basket of NSQF aligned courses includes courses on VLSI Design & Technology, Reliability, Real Time Systems, Big Data, Cloud Computing, Cyber Forensic, Network Specialist, Electronic Product Testing, Solar-LED products, Robotics, Embedded System Design, Multimedia, Web Technologies, Programming Languages, Office Automation etc. NSQF is a competency based framework that organizes all qualifications according to a series of levels of knowledge, skills and aptitude with recognition of prior learning & also promotes lifelong learning. Presently, more than 100 countries have, or are in the process of developing National Qualification Frameworks. NSQF resolve the issues associated with lack of uniformity in qualifications and/or equivalence of Degrees/ Diplomas/ Certificates, which impacts the employability and mobility of students. NSQF helps in attaining desired competencies & provide returns for additional skills to further upgrade competencies resulting more employment and entrepreneurship opportunities.

Besides this, to ensure optimum employability of students undergoing Courses at AICTE (All India Council for Technical Education) approved Technical Institutions in the state as well as in the country, NIELIT and AICTE have agreed for Collaboration for

conducting **Employability Enhancement Training Program (EETP)** whereby NIELIT will impart requisite training and award Credits for the training conducted on its own, to the registered students. Under this MoU, NIELIT is required to perform the role and functioning of providing **Hands on Skill Training**. Programs offered under this MoU includes courses on Internet of Things (IoT), VLSI, Embedded System Design, MATLAB, EDA Tools, ARDUINO, Solar-LED Lighting Products, Cloud Computing, Web Technologies, Android Application Development, Cyber Law & Information Security, Cyber Forensic, Multimedia and Animation, Programming Languages etc.

## 2. NIELIT Chandigarh

NIELIT Chandigarh was established in the year 1978 as Regional Computer Centre (RCC). At present the Centre has its permanent campus at Ropar and one in Chandigarh. The objectives of the centre are: -

- To encourage and promote development and progress of Electronic and Information Technology.
- To advance interdisciplinary co-operation amongst scientists, technologists, engineers, administrators and commercial entrepreneurs for the growth of teaching research and practices.
- To provide support for software development and consultancy.
- To disseminate knowledge on all the aspects of Electronic and IT systems and allied subjects to foster the development of this specialized branch of technology.

Following activities are carried out at NIELIT Chandigarh

- IT Education and Training
- IT Enabled Services
- Software Development
- Examination and Recruitment
- Facility Management

## 3. IT Education and Training, at NIELIT Chandigarh

NIELIT Chandigarh is engaged in skill development of human resources in the areas of IT, Electronics, Communications Technologies, Hardware, Cyber Law, Cyber Security, IPR, GIS, Cloud Computing, e-Governance and related verticals. NIELIT Chandigarh is also the preferred agency for many State Governments for rolling out IT Literacy programs for its employees and the masses. Over the last two decades, NIELIT has acquired very good expertise in IT training through its wide repertoire of courses, ranging from Foundation to advance Level Programs; IT literacy courses and other such long term and short-term courses in the non-formal sector.

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(a) Departmental Educational/Training Programmes

- **Department of IT, Electronics & Communication (DITECH) Haryana:** Advanced training is being imparted to the employees of DITECH in the field of Python with Data Science and Machine Learning, Block Chain, System Administration under Windows 200x, Certificate Course in Cloud Computing and Virtualization, MongoDB, Drupal - CMS, AngularJS, Internet of Things (IoT) with Python, Certificate course in System Administration using Linux.
- **Deenbandhu Chhotu Ram University Of Science And Technology (DCRUST), Murthal:** NIELIT has imparted on-campus and online training for students, research scholars and faculty of DCRUST in the areas of Python with Data Science and Machine Learning, Block Chain
- **Defence Research and Development Organisation (DRDO):** NIELIT Chandigarh conducted training in Embedded System Design for staff members of DRDO.
- **Rail Coach Factory(RCF), Kapurthala:** This centre is presently conducting training for employees of Rail Coach Factory (RCF), Kapaurthala in Java, Artificial Intelligence, Python and Internet of Things(IoT) using Raspberry Pi
- **Directorate General of Resettlement (DGR):** Training in CHM O Level and various other courses is imparted to the staff of Directorate General of Resettlement.
- **Director General Employment & Training (DGE&T):** Responsible for imparting training to candidates sponsored by Director General Employment and Training (DGET) in NIELIT 'O' Level and CHM 'O' level. The candidates are trained through Training Partners at Jalandhar and Hissar.
- **ISMO:** NIELIT Chandigarh conducted workshops for operational Level staff in "Information Security and Digital Payment Awareness" in various districts of Haryana and another set of workshops for middle level and top level officials of Haryana Government are in the pipeline, covering all 22 districts of the State of Haryana.
- **National Council for Promotion of Urdu Language (NCPUL):** NIELIT Chandigarh in association with National Council for Promotion of Urdu Language (NCPUL), an Autonomous body under the Ministry of Human Resource Development, Government of India, started an IT education scheme throughout the country in the year 2004 by launching one-year Diploma Course in Computer Applications, Business Accounting & Multilingual DTP (CABA-MDTP) through a network of NCPUL accredited NGO Centres.

## RECORD-DPISE

- Chandigarh Administration: NIELIT has imparted training on Digital Literacy Courses to employees sponsored by Chandigarh Administration.

(b) Training programmes for IIT Ropar : A special training (5 Half days) on advanced features of MS-Office for Non-teaching staff of IIT Ropar was conducted by NIELIT Chandigarh, Ropar Campus.

(c) Corporate Trainings Undertaken

Some of the organizations whose employees have undergone training at NIELIT Chandigarh

- Hartron, Haryana
- Central Warehousing Corporation in Office Automation
- Punjab Police IT Wing in Software Engineering and Databases
- State Bank of India IT Professionals in Advanced .NET Technologies
- Labour Department in Office Automation
- Health Department, Punjab
- Punjab Mandi Board in ASP.Net Technologies
- Haryana State Pollution Control Board in Advance Excel
- Economical and Statistical Organization, Haryana
- PGI Officials in Oracle
- Forest department in Office Automation
- State Aids Control Society in Advance Excel and SQL Server
- Zila Welfare Office in Hardware and Software

(d) Workshops Conducted

Workshops on many emerging and advanced technologies are regularly being conducted by NIELIT in various Colleges and Universities of Chandigarh, Punjab and Haryana for students as well as faculty. Many Engineering Colleges and Universities, both private and government, have benefitted from these workshops which help the students and faculty in understanding the latest trends and industry standards. Some of the one day/half day/five days' workshops conducted are:

- Online Faculty Development for Colleges of Punjab
- Big Data Analytics for 5 days in DAVIET Jalandhar
- Python with Machine Learning for 5 days at DAVIET Jalandhar.
- Blockchain and Python with Data Science and Machine Learning for 10 days at DCRUST, Murthal
- Core Java for 10 days at DCRUST, Murthal
- Internet of Things at Chandigarh College of Engineering, Chandigarh.
- Python with Machine Learning in IET Bhattal.
- Python with Machine Learning for 5 days in NIELIT Kurukshetra for technical staff.



- Advance Data Structures at Chandigarh College of Engineering, Chandigarh.
- Android Application Development at Punjab University.
- Big Data and IoT in National Institute of Technology (NIT), Jalandhar.
- Advance Java in SD College, Chandigarh.
- .NET Technology in MCM DAV College, Chandigarh.
- PHP with CMS at DAV College, Chandigarh.
- CMS using WordPress at Chandigarh College of Engineering.
- Cyber Security at Government College, Sector 42, Chandigarh
- Big Data at Government College, Sector 42, Chandigarh
- Big Data Analytics at Chandigarh University, Ghanruan.
- Internet of Things at IET Bhaddal, Bhaddal.
- Embedded System Design in Government Polytechnic, UNA.
- Implementation of MOOC (Massive Open Online Courses) using Moodle for Educational institutes in Bela College, Ropar.
- Raspberry Pi in Punjabi University, Patiala.
- AI and Machine Learning in Rayat University and Punjabi university, Patiala
  
- The permanent campus of NIELIT Chandigarh is built in approximately 12 acres of land allotted by the Govt. of Punjab at Birla Farms, Bada Phull, Ropar (Rupnagar). The centre has affiliation from Punjabi University Patiala in July 2022 and is running courses-BCA,BSC HCS and PGDCA.
- **About Campus**
- **Land:** The land is spread in 11.17 acres of area.
- **Built up space:** The built up space is 18200 sq meter approx. including administrative block, academic block, classrooms, labs and hostels.
- **Classrooms:** The centre consist of total number of 8 classrooms with a capacity of 30 each. There is also one smart classroom.
- **Library:** The Library is built up in approximately 450 sq meter area.
- **Hostels:** The centre provides in-campus hostel accommodation separately for boys and girls each with a capacity on 160.
- **Playground Area:** The playground area is spread in approximately 9000 sq meter area.
- **Multipurpose Hall:** The institute has a spacious multipurpose hall with a seating capacity for more than 100 persons.
- **Conference Room and Corporate room:** The institute has spacious and fully air-conditioned Conference Room and Corporate room, with state-of-the-art infrastructure which provides facilities for work meetings, workshops, seminars, guest lectures and faculty development programs.
- NIELIT Chandigarh permanent campus Ropar also has hostel facility both for 160 girls and 160 seater boys separately . Mess facility is also available for the in-house students