राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान
NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY (NIELIT)

UNDERTAKING for O LEVEL COURSE
(Format – to be photocopied on the letter head of the Institute)

ACCR NO./ SEQUENCE NO.: _____   **DATE : _____**

I, the undersigned, (Name and Designation), _____-
_____, an authoroised representative of the institute namely
_____ (herein after called 'Institute')
which is located at the address _____

_____.
On behalf of the said Institute, I hereby undertake that it is a Private Ltd./Self finance/Govt./Govt. aided institute managed by Society / Trust/Partnership firm/ Proprietorship firm etc. The management of the institute has authorized the undersigned to give an undertaking to NIELIT (i.e. National Institute of Electronics and Information Technology) having its office at NIELIT Bhawan, Plot No. 3, PSP Pocket, Institutional Area, Sector – 8, Dwarka, New Delhi - 110077 towards grant of accreditation for NIELIT O/A/B/C level of courses. I do hereby solemnly affirm and state as under:

1. That NIELIT, an Autonomous Scientific Society of Ministry of Electronics and Information Technology grants accreditation to the institutes for NIELIT O/A/B/C level of courses, as per the criteria laid down, for respective levels, including infrastructure, faculty, hardware and software.
2. That any institute granted accreditation for a certain level is required to impart training as per the prescribed syllabus for that level.
3. This 'Institute' has applied for accreditation for NIELIT 'O' level course vide Sequence number _____ as per the guidelines / Criteria of accreditation laid down by NIELIT.
4. That it is acknowledged that NIELIT has notified the 5th revised syllabus (hereinafter called '5th revised syllabus') for O and A levels vide notification dated 16th November 2019.
5. That I have read all the terms / conditions stipulated in the '5th revised syllabus'.
6. That I hereby agree to and shall comply with all the terms and conditions of the 5th revised syllabus and undertake for availability of required infrastructure (Hardware, software, faculty, library, etc.) at the institute, including the following, for NIELIT 'O' level course by January 2020.

Level	Head	Requirement as per 5TH revised Syllabus
O level	Hardware	Computer with configuration 1 GHz Processor, 4 GB RAM, 100 GB HDD or higher Arduino UNO or equivalent board sensors and motors
	Software	Any relevant Word Processing / spreadsheet/ Presentation like Libre Office 6.0, Linux / Ubuntu 16 or higher, Python, Standard Antivirus, Standard browser and publishing tools, Arduino IDE, Any open source Tool

I, further, understand that,

i.   In case of availability of required software/hardware as per 5th revised syllabus during the time of Monitoring/Screening Committee visit at the institute from time to time, are not found satisfactory,

ii.   Or, if any complaint is received against the institute with regard to non-availability of required infrastructure as per new syllabus in future

the action as deemed fit (Rejection/withdrawal of accreditation applied/granted, etc. (as applicable), will be taken against the institute.

Signature of Authorized Signatory:

Name   **:**

Designation   **:**

Date   **:**

SEAL of the Institute:

राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान
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UNDERTAKING for A LEVEL COURSE
(Format – to be photocopied on the letter head of the Institute)

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On behalf of the said Institute, I hereby undertake that it is a Private Ltd./Self finance/Govt./Govt. aided institute managed by Society / Trust/Partnership firm/ Proprietorship firm etc. The management of the institute has authorized the undersigned to give an undertaking to NIELIT (i.e. National Institute of Electronics and Information Technology) having its office at NIELIT Bhawan, Plot No. 3, PSP Pocket, Institutional Area, Sector – 8, Dwarka, New Delhi - 110077 towards grant of accreditation for NIELIT O/A/B/C level of courses. I do hereby solemnly affirm and state as under:

1. That NIELIT, an Autonomous Scientific Society of Ministry of Electronics and Information Technology grants accreditation to the institutes for NIELIT O/A/B/C level of courses, as per the criteria laid down, for respective levels, including infrastructure, faculty, hardware and software.

2. That any institute granted accreditation for a certain level is required to impart training as per the prescribed syllabus for that level.

3. This 'Institute' has applied for accreditation for NIELIT 'A' level course vide Sequence number _____ as per the guidelines / Criteria of accreditation laid down by NIELIT.

4. That it is acknowledged that NIELIT has notified the 5th revised syllabus (hereinafter called '5th revised syllabus') for O and A levels vide notification dated 16th November 2019.

5. That I have read all the terms / conditions stipulated in the '5th revised syllabus'.

6. That I hereby agree to and shall comply with all the terms and conditions of the 5th revised syllabus and undertake for availability of required infrastructure (Hardware, software, faculty, library, etc.) at the institute, including the following, for NIELIT 'A' level course by January 2020.

Level	Head	Requirement as per 5TH revised Syllabus
A level	Hardware	Computer with configuration 1 GHz Processor, 4 GB RAM, 100 GB HDD or higher Arduino UNO or equivalent board sensors and motors
	Software	Any relevant Word Processing / spreadsheet/ Presentation like Libre Office 6.0, Linux / Ubuntu 16 or higher, Python, C, C++ Standard Antivirus, Standard browser and publishing tools, Arduino IDE, Any open source Tool MariaDB, MySQL

Specialized Area	Software	Hardware
Data Analytics	HDFS, HIVE, Java, HBASE, PIG, JSQL, Linux/Ubuntu, RHIVE	Minimum RAM 8 GB (Desktop/Laptop/ PC)
Web Application Development	Apache, PHP, MySql, NetBeans, CakePHP	
Information Security	CentOS/Ubuntu, Oracle VirtualBox, Cryptotools, Snort, Squid Proxy Server Nessus,NetworkMinner, Kali Linux	Wireless Access Point, wireless card, Unmanaged Switches, routers
Internet of Things	Arduino IDE, Linux, Apache server NOOBS, Raspbian or any Linux distribution for Raspberry Pi	NodeMCU or equivalent open hardware,WiFi Access points, Raspberry Pi with 8GB RAM, SD Card, Mouse, Keyboard and sensor kit
Artificial Intelligence	R, Python, Anaconda,	Minimum RAM 8 GB (Desktop/Laptop/ PC)

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Name   :

Designation   :

Date   :

SEAL of the Institute: