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)

AC	CCR NO./ SEC	QUENCE NO.:				DATE	:
I,	the undersi	gned, (Name	and Designa	ation),			: : ::::::::::::::::::::::::::::::::::
<u> </u>			an	authoroised	representative	of the i	nstitute namely
						(herein after	called 'Institute')
wl	nich is locate	d at the addre	ss				
	hairi Bari Maria						
ins ins Ele	stitute mana stitute has a ectronics and stitutional Ai A/B/C level of That NIELII grants accr for respect That any in	ged by Society authorized the d Information rea, Sector — of courses. I do r, an Autonom reditation to the ive levels, incl	y / Trust/Pare undersigne Technology 8, Dwarka, 1 o hereby sole nous Scientifine institutes luding infrasted accreditate	tnership firm/ d to give an o having its of New Delhi - 12 emnly affirm ar c Saciety of Mi for NIELIT O/A/ ructure, facult	Proprietorship fiundertaking to Nifice at NIELIT B 10077 towards good state as under inistry of Electron (B/C level of cour y, hardware and	rm etc. The m NIELIT (i.e. Na hawan, Plot N rant of accred : nics and Inforn ses, as per the software.	Govt./Govt. aided anagement of the tional Institute of lo. 3, PSP Pocket, ditation for NIELIT mation Technology, criteria laid down, training as per the
3. 4.	This 'Instit	ute' has app as per the	lied for accr e guidelines /	Criteria of acc	reditation laid d	own by NIELIT.	Sequence number called '5 th revised
,	filipata kan basa kalipata k	au 그리다 방리하는 고구 있었다.			16 th November 2	•	Take Mark
5.					d in the '5 th revise		
6.	That I here	by agree to a take for availa	nd shall com bility of requ	ply with all the	e terms and cond ture (Hardware,	litions of the 5	th revised syllabus lty, library, etc.) at
	Level	Head	Requireme	ent as per 5 TH re\	vised Syllabus		
	O level	Hardware	Computer	with configurati	on 1 GHz Processo	r, 4 GB RAM, 10	O GB HDD or higher

Contd...2/-

Standard browser and publishing tools, Arduino IDE, Any open source Tool

Linux / Ubuntu 16 or higher,

Standard Antivirus,

Python,

Arduino UNO or equivalent board sensors and motors

Any relevant Word Processing / spreadsheet/ Presentation like Libre Office 6.0,

Software

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 NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY (NIELIT)

UNDERTAKING for A LEVEL COURSE

(Format – to be photocopied on the letter head of the Institute)

AC	CR NO./ SEQUENCE NO.: _		DATE :			
l,	the undersigned, (Name	and Designation),				
	·	an authorize	d representative	of the institute namely (herein after called 'Institute')		
wł	nich is located at the addre	SS	,			
ins ins Ele Ins	stitute managed by Society stitute has authorized the ectronics and Information	y / Trust/Partnership firm undersigned to give a Technology) having its 8, Dwarka, New Delhi -	n/ Proprietorship fi n undertaking to N office at NIELIT BI 110077 towards g	I./Self finance/Govt./Govt. aided rm etc. The management of the NIELIT (i.e. National Institute of hawan, Plot No. 3, PSP Pocket, trant of accreditation for NIELIT		
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 5 th revised syllabus (hereinafter called '5 th revised syllabus') for O and A levels vide notification dated 16 th November 2019.					
5.						
6.	6. That I hereby agree to and shall comply with all the terms and conditions of the 5 th revised syllabu					
	and undertake for availa	bility of required infrast	ucture (Hardware,	software, faculty, library, etc.) at		
	\prec the institute, including th	ne following, for NIELIT '	A' level course.			
L	evel Head	Requirement a	s per 5 TH revised Syllabu	IS		
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Level	Head	Requirement as per 5 TH 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)

I, further, understand that,

- i. In case of availability of required software's/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

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Signature	of ≀	∆uthoriz	ed :	Siør	iat	orv:	i

Name :

Designation :

Date :

SEAL of the Institute: