

## **CAREER IN COMPUTER**

Computers play a vital role in the modern business world, and many of the most basic jobs involve use of technology and computers. Computers are used for recording, analyzing, gathering, processing and documenting a particular data. Computers are used in almost every field as they have made work easier and quicker.

DIGITAL INDIA is one of the scheme of Govt. where everyone may get minimum 20 hours of training so that they are able to perform daily routine work like payment of bills, reservation of tickets, filling up the forms for getting admission or applying for jobs etc.

Children nowadays have computer classes at school. They are already familiar with the keyboard and the mouse. Most have a smart phone too. Nowadays children don't have to worry about their computer literacy because they learn the basics at school and catch the rest by personal experiments.

Teaching students how to use computers helps them prepare for any number of possible careers and gives them an extra edge over others who don't know how to function with computers. Courses in computer can be of long term or short term. One can choose whatever one likes according to convenience. There are numerous private institutes which provide training in computers. But it is essential to keep in mind that one gets a government recognized certification after the course.

National Institute of Electronics and Information Technology (N.I.E.I.T.) is a society for providing computer education. It is under department of Electronics and Information technology, Ministry of Communication and Information Technology, Govt of India. Certification of NIELIT is valid all over India and it has 65 accredited centres in various parts of Delhi. The list is available on its website [www.nielit.nic.in](http://www.nielit.nic.in).

Listed below are some of the main courses - degree/diploma/certificate level - that are offered by different universities/ training institutes after passing class tenth or twelfth:-

S.No.	Name of the Course	Name of the Institute	Eligibility	Duration	Mode of Entry	Website
1	<b>B.Tech/B.E.</b>					
1	B.Tech Computer Engineering	Delhi Technological University, Bawana, Delhi	1. 10+2 with PCM $\geq$ 60% +E 2. Passed 10+2 in 2014 or 2015 or appearing in 2016	4 yrs	Entrance Exam JEE (Main)	<a href="http://www.dtu.ac.in">www.dtu.ac.in</a>
2	B.Tech Information Technology	--do--	--do--	--do--	--do--	<a href="http://www.dtu.ac.in">www.dtu.ac.in</a>
3	B.Tech Software Engineering	--do--	--do--	--do--	--do--	<a href="http://www.dtu.ac.in">www.dtu.ac.in</a>
4	B.Tech Mathematics & Computing	--do--	--do--	--do--	--do--	<a href="http://www.dtu.ac.in">www.dtu.ac.in</a>

5	B.Tech Computer Science & Engineering	Indira Gandhi Delhi Technological University for Women, Kashmere Gate, Delhi	--do--	--do--	--do--	<a href="http://www.igdtuw.ac.in">www.igdtuw.ac.in</a>
6	B.Tech Information Technology	--do--	--do--	--do--	--do--	<a href="http://www.igdtuw.ac.in">www.igdtuw.ac.in</a>
7	B.E. Computer Engineering	Netaji Subhash Institute of Technology, Dwarka, Delhi	--do--	--do--	--do--	<a href="http://www.nsit.ac.in">www.nsit.ac.in</a>
8	B.E. Information Technology	--do--	--do--	--do--	--do--	<a href="http://www.nsit.ac.in">www.nsit.ac.in</a>
9	B.Tech Computer Science & Engineering	Indraprastha Institute of Information Technology, Okhla, Delhi	1. 10+2 with PCM. Aggregate >=80% 2. At least 80% in Mathematics 3. Passed 10+2 in 2014 or 2015 or appearing in 2016	--do--	--do--	<a href="http://www.iiitd.ac.in">www.iiitd.ac.in</a>

10	B.Tech Computer Science & Engineering	National Institute of Technology, Delhi	1. 10+2 with PCM >=45% 2. Passed 10+2 in 2014 or 2015 or appearing in 2016	--do--	--do--	<a href="http://www.nitdelhi.ac.in">www.nitdelhi.ac.in</a>
11	B.Tech Computer Engineering	Jamia Milia Islamia, Jamia Nagar, Delhi	1. 10+2 with PCM >= 55% 2. Passed 10+2 in 2014 or 2015 or appearing in 2016	--do--	--do--	<a href="http://www.jmi.ac.in">www.jmi.ac.in</a>
12	B.Tech Computer Science & Engineering	GGSSIP University, Dwarka, Delhi	10+2 with PCM >= 55% +E	--do--	Entrance Exam CET	<a href="http://www.ipu.ac.in">www.ipu.ac.in</a>
13	B.Tech Information Technology	--do--	--do--	--do--	--do--	<a href="http://www.ipu.ac.in">www.ipu.ac.in</a>
14	B.Tech + M.Tech (Dual Degree) Computer Science & Engineering	--do--	--do--	4+2 years	--do--	<a href="http://www.ipu.ac.in">www.ipu.ac.in</a>
15	B.Tech + M.Tech (Dual Degree) Information Technology	--do--	--do--	--do--	--do--	<a href="http://www.ipu.ac.in">www.ipu.ac.in</a>

16	B.Tech Computer Science & Engineering	Indian Institute of Technology, Delhi	1. Applicant should be among top 2 lac candidates of JEE (Main) 2. Passed 10+2 in 2015 or appearing in 2016	4 years	Entrance Exam JEE (Main) + JEE (Advance)	<a href="http://www.iitd.ac.in">www.iitd.ac.in</a>
17	B.Tech Mathematics & Computing	--do--	--do--	--do--	--do--	<a href="http://www.iitd.ac.in">www.iitd.ac.in</a>
18	B.Tech + M.Tech (Dual Degree) Computer Science & Engineering	Indian Institute of Technology, Delhi	--do--	5 years	--do--	<a href="http://www.iitd.ac.in">www.iitd.ac.in</a>
19	B.Tech + M.Tech (Dual Degree) Mathematics & Computing	--do--	--do--	--do--	--do--	<a href="http://www.iitd.ac.in">www.iitd.ac.in</a>

II **3 year Graduation courses**

1	Bachelor in Computer Application (BCA)	GGSIPIU	12th pass 50% + Eng, Math /Comp Sc/IP/Comp Application OR 3 yr Engg Diploma AICTE approved	3 yrs	CET	<a href="http://www.ggsipu.ac.in">www.ggsipu.ac.in</a>
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2	BCA	IGNOU	12th pass with Math (If not studied Math, then register for and pass MTE 03 with 1st sem of BCA)	3 yrs		www.ignou.ac.in
3	BCA	Jamia Hamdard	12th pass with 50% and with maths/accountancy as a subject	3 yrs	Merit	
4	B.Sc. Computer Sc.	DU	12 pass 55% with 60% in Math	3 yrs	Merit	www.du.ac.in
5	Bachelor of Arts with Computer Applications (B.A.C.A.)	JMI	12 pass 50% with Maths	3 yrs	Entrance Exam	www.jmi.ac.in

III **N.I.E.L.I.T. courses**

1	ACC (Awareness in computer concepts)	N.I.E.L.I.T.	–	20 hrs	–	www.nielit.gov.in
2	BCC (Basic computer course)	N.I.E.L.I.T.	VIII pass	1 mnths (36 hs)	–	www.nielit.gov.in
3	CCC (Course on computer concepts)	N.I.E.L.I.T.	10/10+2	2 mnths (80 hrs)	–	www.nielit.gov.in

4	ECC (Expert computer course)	N.I.E.L.I.T.	10/10+2	2 mnths (200 hrs)	–	www.nielit.gov.in
5	O Level (equivalent to foundation level)	N.I.E.L.I.T.	10+2	1 yr	–	www.nielit.gov.in
6	A Level (equivalent to Advance diploma)	N.I.E.L.I.T.	Graduation (any stream)	1 yr	–	www.nielit.gov.in
7	B Level (equivalent to MCA)	N.I.E.L.I.T.	Graduation + A level	3 yrs for Graduates / 2 yrs for A level	–	www.nielit.gov.in
8	C Level (equivalent to MTech)	N.I.E.L.I.T.	Graduation + B level	2 yrs	–	www.nielit.gov.in
IV	<b>Diploma Courses</b>					
1	Computer Engg	Jamia Milia Islamia	10 pass 45% with SC, Math	3 yrs	Entrance Exam	www.jmi.ac.in
2	Computer generated imagery	IGNOU	10+2 with basic knowledge of computers	Min 18 months Max 3 yrs	Direct	www.ignou.ac.in

3	Comp Engg, Info tech enabled services & management (ITES&M)	Polytechnics	10 pass 35% with Sc, Math, Eng.	3 yrs	Entrance Exam	<a href="http://www.cetdelhiexam.nic.in">www.cetdelhiexam.nic.in</a>
4	Comp Engg, Info tech enabled services & management (ITES&M)	Polytechnics	12th Vocational (Engg)60% marks in 5 subjects OR 10 + ITI 2yrs with 60% marks	2 yrs lateral entry	Entrance Exam	<a href="http://www.cetdelhiexam.nic.in">www.cetdelhiexam.nic.in</a>
5	Computer Operator and Programming Assistant (COPA)	NVTI [Craftsmen Training Scheme (CTS)]	12 pass OR 3 yr Engg Diploma AICTE approved	1	Merit	<a href="http://www.womentraining.gov.in/nvti/nvtinoida.htm">www.womentraining.gov.in/nvti/nvtinoida.htm</a>
6	Desk Top Publishing	NVTI [Craftsmen Training Scheme (CTS)]	12 pass with Eng typing speed of 30 wpm	1	Merit	<a href="http://www.womentraining.gov.in/nvti/nvtinoida.htm">www.womentraining.gov.in/nvti/nvtinoida.htm</a>
7	Computer Aided Embroidery & Needle work	NVTI [Craftsmen Training Scheme (CTS)]	10 pass	6 months	Merit	<a href="http://www.womentraining.gov.in/nvti/nvtinoida.htm">www.womentraining.gov.in/nvti/nvtinoida.htm</a>
8	Computer Operator and Programming Assistant (COPA)	Women Technical Institute, NDMC, Netaji Nagar	10+2	1 year	Direct	<a href="http://www.ndmc.gov.in">www.ndmc.gov.in</a>



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**Certificate Courses**

1	Certificate in Information technology	IGNOU	10th Pass OR SSC OR BPP from IGNOU OR DLC from Microsoft or equivalent	Minimum 6 months and Maximum 2 years	Apply	<a href="http://www.ignou.ac.in">www.ignou.ac.in</a>
2	Certificate in communication and IT skills	IGNOU	10+2 pass with English	Minimum 6 months and Maximum 2 years	Apply	<a href="http://www.ignou.ac.in">www.ignou.ac.in</a>
3	Computer Hardware & Network Maintenance	ITI	10 pass with Sc, Maths	1 yr	Merit	<a href="http://www.itidelhiadmissions.nic.in">www.itidelhiadmissions.nic.in</a>
4	Computer Operator and Programming Assistant	ITI	10 pass	1 yr	Merit	<a href="http://www.itidelhiadmissions.nic.in">www.itidelhiadmissions.nic.in</a>
5	Desk Top Publishing Operator	ITI	10 pass	1 yr	Merit	<a href="http://www.itidelhiadmissions.nic.in">www.itidelhiadmissions.nic.in</a>

6	Information Communication Technology System Maintenance	ITI	10 pass with Sc, Maths	2 yr	Merit	<a href="http://www.itidelhiadmissions.nic.in">www.itidelhiadmissions.nic.in</a>
7	Information Technology	ITI	10 pass with Sc, Maths	1 yr	Merit	<a href="http://www.itidelhiadmissions.nic.in">www.itidelhiadmissions.nic.in</a>