

COURSES FOR 10+2/ COLLEGE STUDENTS

Have you completed your Class 12/10+2? NICS offers specialized courses to make you a complete IT professional. These courses are best for those who are in college or have taken their Class 12 exams.



These courses prepare you for an exciting & rewarding career in IT. If you join one of these courses, you can even do it without affecting your college attendance or your job.

The courses below help you develop high-end computer skills including Java, .NET, App development & Web development. These courses are developed in such a way as to make you ready for an international IT career.

SELECT THE BEST COURSE FOR YOU!

DIPLOMA IN COMPUTER APPLICATION (DCA) : There is a significant demand for skilled manpower for handling software, infrastructure, and services in industries. There is also a shortage of manpower to provide IT training in schools, private computer institutes, and industries. The IT-skilled-manpower shortage remains a problem for the all markets. Keeping this in mind, the School of Computer Science has proposed the Diploma in Computer Applications program me.

Course Contents in Brief: *Module: I* Introduction to Computer, Computer Fundamental & OS, Microsoft Windows, MS-Office (MS Office Word, MS Office Excel, MS-Office Power Point, MS-Office Publisher), Internet & E-mail Concept. *Module: II* TALLY 9.0, Database Management System, HTML Language. **Duration: 12 Months** **Eligibility: Class X**

DIPLOMA IN OFFICE AUTOMATION (DOA): **Course Contents in Brief:** Introduction to Computer, Computer Fundamental & OS, Microsoft Windows, MS-Office (MS Office Word, MS Office Excel, MS-Office Power, MS-Office Publisher), Internet & E-mail Concept & Database Management. **Duration: 6 Months** **Eligibility: Class X**

DIPLOMA IN INFORMATION TECHNOLOGY (DIT) : **Course Contents in Brief:** *Module: I* Basic of Information Technology, Computer Fundamental & OS, Microsoft Windows, MS-Office (MS-Office Word, MS Office Excel, MS-Office Power, MS-Office Access). *Module: II* Tally 9.0 (VAT enabled), HTML, Internet & E-mail, Adobe Photoshop, Corel Draw. **Duration: 12 Months** **Min. Eligibility: Class X**

Diploma in Web page Design (DWD) : **Course Contents in Brief:** Internet Basic (History of Internet, concept of Internet, Structure of Internet, Internet Address, IP address Internet protocols), Networking Concept (Definition of Network, Network devices, Network topology, Network Operating system), TCP / IP (communication protocols), HTML & DHTML (Scripting Languages help to develop web pages), FLASH (Graphics tools required to develop attractive web pages), Photoshop, Java Script, Programming with Java **Duration: 4 Months** **Min. Eligibility: Class X**

PG / Advanced Diploma in Computer Application (PGDCA/ADCA) : *Module: I* Fundamentals of Computer, Operating System –Microsoft Windows, Internet & E – mail, Ms-Office (Word, Excel & PowerPoint), Ms- Access, HTML & DHTML, *Module: II* C Programming with project , Visual Basic with Project, SQL with Project, **Duration : 12**

months Eligibility : PG Diploma will be awarded to Graduate and ADCA will be awarded to 10 +2 Passed Students.

Diploma in Computer Hardware and Networking (DHN) : Course content - Basic Hardware Theory, Functioning of Different Personal Computer Parts, (Monitor, Motherboard, Hard disk, CD-ROM etc.), Assembling of computer, Jumper setting. Duration : 12 months **Eligibility : 10+2 passed.**

DIPLOMA IN DESKTOP PUBLISHING (DDTP): Course Contents in Brief: Computer Fundamental & OS, MS-office Word, Adobe Page Maker, Corel Draw, Adobe Photoshop, Print Artist, Photo effects Software, Use Bengali/Assamese/Hindi Language Software & Fonts, Printing, Technique, Scanning Technique & Digital Camera Function, Concepts of Internet, E-mailing, Web Surfing, Online. Photo Application, **Duration:** 12 Months **Min. Eligibility:** Class-X.

ADVANCED DIPLOMA IN COMPUTER APPLICATION AND DESIGNING (ADCAD): Course Contents in Brief: Computer Fundamental & OS, Microsoft Windows, MS-Office (MS Office Word, MS Office Excel, MS-Power Point , MS-Office Publisher), **Accounting Application – Tally (Vat Enable), DTP Package:** Corel Draw, Adobe Photoshop, Printing and Scanning Techniques, Page maker, Email and Internet. **Duration:** 12 Months **Eligibility:** Class X.

DIPLOMA IN OFFICE MANAGEMENT (DOM) : Course Contents in Brief: **Module I: (OFFICE PACKAGE & OPERATING SYSEM)**, Computer Fundamental & OS, Microsoft Windows, MS-Office (Word, Excel, Power Point, Access, Publisher) , **Module II: (HARDWARE PART)** - Knowledge of Computer Hardware, Hardware & Software Maintenance, , Hardware installation & Uninstallation, Hard Disk Partitioning, Software installation & Uninstallation (Windows & Other Software). **Module Iii: (ACCOUNTING PACKAGE)**, Accounting Principal, Tally 9.0 (VAT enabled), **Module iv: (DTP)** - Corel Draw, Adobe Photoshop, Printing and Scanning Techniques, Digital Camera function. On line Photo Editing Software , Bengali/Assamese software And Fonts . **Module V : (INTERNET & E-MAILING)** -Introduction to Internet (Concept of Internet, E-mail), Web Surfing Using Google Search Engine, Downloading Files through Internet . **Duration: 12 Months Eligibility: Class X**

Diploma in Software Engineering (DSE) - The non-relevance of the traditional degrees to the fast changing industrial environment and the persisting dominance of IT, which is further to dwarf the other fields, large number of such aspirants who are in traditional streams find incumbent upon themselves to acquire the software engineering skills, which literally places them on par with such candidates from the engineering stream. Diploma in Software Engineering has come into being with the primary objective of serving the aspirations of such aspirants, who are in the non-engineering stream. The evolution of the curriculum has seen NICS's rich experience in understanding and delivering on the expectations of the non-engineering stream, which has laid perfect platform for the extensive research that was undertaken to simulate the futuristic requirements that would be made of non-engineering stream. Consequently, Diploma in Software Engineering provides solutions appropriate to all the career related requirements of such students of the non-engineering streams.

Course Contents in Brief » Computer Fundamentals, Office Automation, MS-Office & Internet, Programming Practices & Techniques, Algorithms, Flowcharts, Programming with C, Data Structures, OOP using C++, HTML, RDDMS using Oracle, Linux & Commands, Core Java or C#, Adv. Java or ASP .Net, Optional (choose any one), JEE, VB.Net, System Internals & Networking, Tally. Duration : 1 year Elig.- 10+2.

CERTIFICATE IN MICROSOFT OFFICE (CMO): Course Contents in Brief: Computer Fundamental & OS, Microsoft Windows, MS-Office (MS Office Word, MS-Office Power Point), Internet & E-mail Concept. Duration : 3 months.

CERTIFICATE IN COMPUTER APPLICATION (CCA): Course Contents in Brief: **Basic of IT,** Computer Fundamental & OS, Microsoft Windows, MS-Office (MS Office Word, MS Office Excel, MS-Office Power Point), Internet & E-mail Concept **Duration: 6 Months Eligibility: Class VIII Standard**

CERTIFICATE IN DESKTOP PUBLISHING (CDTP) : Course Contents in Brief : Computer Fundamental & OS, MS-Office Word, Adobe Page Maker, Corel Draw, Adobe Photoshop. **Duration: 4 Months Eligibility: Class VIII Standard**

OTHER COURSES

ADVANCE DIPLOMA IN COMPUTER HARDWARE AND NETWORKING (ADCHN) :-

Module I: COMPUTER HARDWARE:-Technology Of Computer, Analog Electronics, Digital Electronics.

Software Installation:-Operating System, Application Software, Anti Virus Program Etc.

COMPUTER ASSEMBLING:-Monitor, Smps, Printer, Hard Disk, Cd Driver, Ups & Monitor, Board With Component Level

MODULE II : NETWORKING:-Peer To Peer, Server To Client, Win98-2000, Xp Based And Win Nt Based
Repairing Of battery, Charger, Technology Of Inverter And Repairing Of Ckt Board & Battery.

Duration: 12 Months

Eligibility: Class XII

DIPLOMA IN SECRETARIAL PRACTICE AND PUBLISHING (DSPP):-

MODULE I: Computer Concept And Fundamental, Operating System Windows, Ms Office (Ms-Word, Ms-Excel, Ms-Powerpoint), C Language. **MODULE II:** Tally, Internet Technology, DTP (Page Maker, Corel Draw, Photo Shop), Project & Practical.

Duration: 12 Months

Eligibility: Class X

