PROSPECTUS

ACE

Avanco Computer Education

Contact your nearest Centre:

100% JOB ORIENTED COURSES

An ISO Certified Institute
Registered under the S. R. Act XXI of 1860
Govt. of Assam
Registered under NITI Aayog
Govt. Of India

Website: www.avanedu.in   Email: avancoeducation@gmail.com

SOFTWARE

BCA
(Basic Computer Application)
Duration: 3 months
Total Course Fees: Rs. **5,000/-**

DCA
(Diploma in Computer Application)
Duration: 6 months
Eligibility: 10th appeared or above
Total Course Fees: Rs. **8,000/-**

PGDCA
(P. G. Diploma in Computer Application)
Duration: 12 months
Eligibility: Pursuing Degree/ Graduate
Total Course Fees: Rs. **16,000/-**

ADCA
(Advanced Diploma in Computer Application)
Duration: 12 months
Eligibility: 10th appeared or above
Total Course Fees: Rs. **16,000/-**

DFA
(Diploma in Financial Accounting)
Duration: 6 months
Eligibility: 10th appeared or above
Total Course Fees: Rs. **10,000/-**

DOAP
(Diploma in Office Automation & Publishing)
Duration: 12 months
Eligibility: 10th appeared or above
Total Course Fees: Rs. **16,000/-**

ADGA
(Advanced Diploma in Graphics & Animation)
Duration: 12 months
Eligibility: 10th appeared or above
Total Course Fees: Rs. **26,000/-**

DGWD
(Diploma in Graphic & Web Page Design)
Duration: 12 months
Eligibility: 10th appeared or above
Total Course Fees: Rs. **18,000/-**

Tally
Duration: 3 months
Eligibility: 10th appeared or above
Total Course Fees: Rs. **6,000/-**

DTP
Duration: 4 months
Eligibility: 10th appeared or above
Total Course Fees: Rs. **6,000/-**

HARDWARE

CHN
(Certificate in Hardware & Networking)
Duration: 3 months
Total Course Fees: Rs. **5,000/-**

DCHM
(Diploma in Computer Hardware Maintenance)
Duration: 6 months
Total Course Fees: Rs. **7,000/-**

ADHN
(Advanced Diploma in Hardware & Networking)
Duration: 12 months
Total Course Fees: Rs. **18,000/-**

OTHER COURSES

Beautician
- Certificate in Beauty Concept (CBC)
- Advanced Diploma In Beautician (ADB)
- Certificate in Bridal Make-up (CBM)

Fashion Designing
- Diploma In Fashion Designing (DFD)
- Diploma In Fashion & Textile Technology (DFTT)

Interior Designing
- Diploma In Interior Designing (DID)
- Advanced Diploma in Interior Designing (ADID)

Tailoring
- Certificate in Basic Cutting and Tailoring (CBCT)
- Certificate in Basic Embroidery (CBE)
- Certificate in Cutting and Tailoring (CCT)

Mass Communication
- Special Certificate in Journalism (SCJ)
- Diploma in Mass Communication (DMC)
- Diploma in Mass Communication and Journalism (DMCJ)

Jewellery Designing
- Certificate in Jewellery Designing (CJD)
- Diploma in Jewellery Designing (DJD)
- Advanced Diploma in Gems & Jewellery Designing (ADGJD)

Spoken English
- Certificate In Spoken English (CSE)
- Diploma In Spoken English (DSE)

CRASH COURSES

Duration: 3 months
Total Fees: 5,000/-
- Windows Application
- MS Office (Word, Excel & Power Point)
- Basic Tally
- Programming with C
- OOP with C++
- Graphics Designing (Photoshop & GIF animation)
- Hardware Basics
- Linux
- Networking
- Internet Applicatin

SYLLABUS

BCA
• Computer Fundamentals & Dimensions of IT • Familiarisation with command interpreter of OS • Working with Windows GUI • Applications of Windows OS • Touch Typing Tools • Office Applications- Word Processors: MS Word, Spreadsheet Programs: MS Excel • Database Management: Database Management using MS Access or Financial Accounting Package (for BCA Course) • Internet: Email, VOIP using Skype, Uploading & Downloading. Social NW, Cloud computing.

DCA
• Computer Fundamentals & Dimensions of IT • Use of Command Interpreter • Windows GUI • Applications of Windows OS • Office Automation Package – MS Office Specialist- Word Processor: MS Word, Spreadsheet Programs: MS Excel, Presentation Programs: MS Power Point • Use of Productivity Tools (Touch Typing, Google Doc, Drive, Evernote etc.) • Use of Online Resources • Unicode (Assamese / Hindi) • Programming – Rapid Application Development Tool (RAD)& Basic System Programming Using VB/C/C++ • Database Management and Data Mining Using RDBMS Package – MS Access/Oracle/MySQL (any one) or Financial Accounting Package • Working with Internet, E-Mail, Uploading & Downloading, Social NW, Cloud Computing • Overview of Graphics Designing Utilities & Graphics Authoring Tools of Desk Top Publishing • Structured System Analysis & Design (SSAD) • Project on Software Development.

PGDCA
• Computer Fundamentals & Dimensions of IT • Use of Command Interpreter • Windows GUI • Applications of Windows OS • Office Automation Package – MS Office Specialist- Word Processor: MS Word, Spreadsheet Programs: MS Excel, Presentation Programs: MS Power Point • Internet- E-Mail, VOIP using Skype, Uploading & Downloading, Social NW, Cloud Computing, E-Commerce, Blog Development • Use of Productivity tools (Touch Typing tools, Google Doc, Drive, Evernote etc.) • Use of Online Resources • Unicode (Assamese/Hindi) • Programming- (any one): C, C++, Java • Development Tool (RAD) using VB • Database Management and Data Mining using RDBMS Package – MS Access/Oracle/MySQL (any one) or Financial Accounting Package • Overview of Google Analytics • Graphics Authoring Tools & Vector Image Processing Tools – Photoshop, Corel Draw • Desk Top Publishing (DTP) • Overview of Indesign or Illustrator • Overview of Web Authoring • Familiarisation with Networking • Computer Virus-Antivirus • Concept of Firewall and Hacking • Computer Architecture and organization • Overview of Computer Hardware • Concept of Sound & Video Engineering • Concept of Multimedia & Computer Games • SSAD • Seminar • Project on Software Development.

ADCA
• Fundamentals of IT • Working with Windows GUI • Working with Office Automation Package- MS Office Specialist- Word Processor: MS Word – Spreadsheet Programs: MS Power Point • Use of Online Resources- Cloud based Application • Blog development • Unicode (Assamese/Hindi) • Use of Productivity Tools (Google Doc, Drive, Evernote etc.) • Programming- (any one): C/C++/Java • RAD Using VB • Database Management and Data Mining using RDBMS Package – MS Access/Oracle/MySQL (any one) or Financial Accounting Package • Internet & E-Commerce • Graphics Authoring Tools & Vector Image Processing Tools – Photoshop, Corel Draw • Desk Top Publishing (DTP) • Overview of Web Authoring tools • Overview of Indesign/Illustrator • Familiarisation with Networking • Virus/Antivirus and concept of Firewall and Hacking • Computer Hardware • Concept of Sound & Video Engineering • Concept of Multimedia & Computer Games • SSAD • Seminar & Project.

SYLLABUS

DFA
• Computer Fundamentals • MS Office (MS Word, MS Excel, MS Power Point) • Computerized Accounting through Tally with GST • Introduction to Internet & Email • Project.

DOAP
• Computer Concept & Fundamentals • Operating System • Office Automation Package – Word Processor: MS Word, Spreadsheet Programs: MS Excel, Presentation Programs: MS Power Point • HTML & Front Page • Basics of Financial Accounting • Computerized Accounting through Tally with GST • DTP (Page Maker, Corel Draw, Photoshop) • Computer Network & Internet • Project.

DGWD
• Introduction to Web technologies • GUI Environment • Internet - HTTP, Domains & Sub-Domains, Cloud based Applications • Blog development • HTML/DHTML/CSS • Use of Online Resources • Unicode Assamese/Hindi • My SQL• Working with Web Authoring tools • Introduction to Scripting Language - Javascript/PHP • Overview of Flash/GIF Animation • Graphics Designing - Illustrator /Indesign, Photoshop, CorelDraw • Concept of Client side & Server Side scripting • Concept of Web site Building & Hosting • Concept of Cloud Computingm, Social Networking • Live project on Designing.

CHN
• Fundamentals • Windows OS • BIOS • Computer System & Architecture overview • Motherboard, Processor, RAM etc. • HDD, SSD, Flash Medias, NIC Card, Graphics cards • Assembling & Trouble shooting • Installation • Overview of Control Panel • Type of LAN, MAN, WAN, HAN, CAN • Ad-Hoc Network •Introduction to Network Technologies • Configuration of NIC, Switch • IP addressing scheme with subnet masking and Network Protocols • Installation and configuration of Network • Network Maintenance • Network Games.

DCHM
• Fundamentals • Windows OS • BIOS • File system • Basic Electronics • Processors, Motherboards, PnP cards, Memory • Assembling • Installation of Windows, Device Drivers & Softwares • Secondary Storage • Fault location and Trouble shooting • Virus & Antivirus • Firewall & Hacking • Product Knowledge • Device and Disk Management • LAN • Transmission Medium • Networking Setup • Remote Administration • Windows Server • Linus • Access Point Configuration • Preventive Maintenance • Windows Registry • Wi-Fi • Multimedia & Computer Games • Network Gaming • Laptop, Tablet • Internet • Proxy Server • Concept of Remote Desktop, Branch Cache • Concept of VPN • Project and Seminar.

ADHN
• Fundamentals & Architecture • Micro, Mini, Mainframe & Super Computers • Concepts of OS • Booting • Memory-ROM & RAM • Storage Devices • Command Interpreter • Internet • Basic Electronics • Micro Processor Architecture • Motherboards • Chipsets • Memory Architecture & Concept of GPU • Assembling and Dissembling • Preventive maintenance • Concept of POST & BIOS • Study of HDD • Concept of File System • Optical Storage • Architecture and Assembly of Keyboard & Mouse • HDD Partitioning & Formatting • Linux • Concept of Dual Booting • Concept of Monitors • Installation of PnP cards • Multimedia • Computer Games • Fault Location & Troubleshooting • Installation of Drivers • Device and Disk Management • Bit Locker • Branch Cache • Power Management • Remote Desktop • Concept of VPN • Windows OS Customization • Concept of Virus & Antivirus • Firewall and Hacking • Configuration of Printer • Configuration of scanners • Laptop, Tablet computers • Concept of Windows Registry.

Networking:
• Local Area Networking (LAN) • Network Topologies • Network Protocols • OSI & IEEE • Ethernet • Transmission Media • Peer-to-Peer • Cabling • TCP/IP Protocols • Sharing • Suubnetting • VLSM • Installation & Administration of Domain in Windows Server • DNS & DHCP • IIS &PWS • Proxy server • Email Client Configuration • Internet • Wi-Fi • Wireless Access Point configuration • Remote Access using Team Viewer, Any Desk • Partition resizing • Drive & Partition mirroring • Knowledge of RAID levels & Partition images • Installation & Administration of Linux • Basic Router & switch configuration • Familiarization with Laptop • Concept of Clients Server and P2P computing Domain, workgroup • Concept of Bridge, Router, Switch, Repeater etc. • Product knowledge • Network Gaming • Advanced Hardware Peripherals • Interactive videos • Project & Seminar.