

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Notice

07/01/2016

Department of Computer Applications is taking Computing Skills class group to further level for learning Advance Computing Skills all together with BEGINNER Computing Skills for new students to join.

1. BEGINNER COURSE - ALL BRANCHES for new students to join.
2. ADVANCE COURSE – Students from CSE, IT, ECE, BCA and MCA are eligible to join this group only if enrolled in the Beginner course of Computing skills in last semester.

Classes will be on Saturdays starting from July 09th '2016 onwards.

Interested students can join this program by registering with the under mentioned. Last date to register is 5th July 2016.

Ms. Nisha, Assistant Professor(9729823371)

DCA, PIET


H.O.D.
Department of Computer Applications
Panipat Institute of Engineering & Technology

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Applications

Syllabus for Computing Skill Development Course – Beginner

Introduction: Basics of computer, knowing computer, Operating Computer using GUI Based Operating System. 3 Hrs.

MS Office: Understanding Word Processing, Using Spread Sheet 7 Hrs.

Introduction to Internet: WWW and web browsers, making a Presentation, Communication and Collaboration (Basics of e-mail). 3 Hrs.

Introduction to different Programming Languages: C, C++, JAVA and other High-level Languages. 7 Hrs.

Text Books:

1. Sinha, P.K. & Sinha, Priti, Computer Fundamentals, BPB
2. Dromey, R.G., How to Solve it By Computer, PHI

Reference Books:

1. Balagurusamy E, Computing Fundamentals and C Programming, Tata McGraw Hill.
2. Norton, Peter, Introduction to Computer, McGraw-Hill
3. Rajaraman, V., Fundamentals of Computers, PHI.

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Department of Computer Applications

Computing Skill Development Course – Advance

Introduction to HTML 5.0, CSS3, JavaScript	3 Hrs.
Website Development Tools CMS, PHP 7.0	7 Hrs.
Artificial Intelligence Design Assistant (AIDA), ASP. NET	3 Hrs.
Web Security and Web Hosting	4 Hrs.
Project: Website Development	3 Hrs.

Text books:

1. Internet and Web Technologies, Raj Kamal, Tata McGraw-Hill.
2. Multimedia and Web Technology, Ramesh Bangia, Firewall Media.
3. Internet and Web Design, ITLESL Research and Development Wing, Macmillan India.

Reference books:

1. Peter Smith, "Professional Website performance", Wiley India Pvt. Ltd.
2. Deitel H.M., Deitel P.J., "Internet & World Wide Web: How to program", Pearson Education.
3. Kogent Learning, "Web Technologies: HTML, JavaScript, PHP, Java, JSP, XML, AJAX – Black Book", Wiley India Pvt. Ltd.
4. Boronczyk, Naramore, "Beginning PHP, Apache, MySQL Web Development", Wiley India Pvt. Ltd.
5. Stuttard D., Pinto M., "The Web Application Hackers Handbook", Wiley India Pvt. Ltd.

