



VEER NARMAD SOUTH GUJARAT UNIVERSITY
University Campus, Udhna-Magdalla Road, SURAT – 395 007

ECC 801 CO : Internet Technology and Application

B.V. IV (Computer Engg.) – 8th semester (New scheme)

Revised

	Lecture	Tutorial	Practical
Teaching Hours	3	0	4
Examination Scheme Marks	100	00	Cont. Evaluation : 40 Examination : 60

1. Introduction – Internet Origin & Development – Internet Architecture frame work – Word Wide Web.
2. Script Language & Programming-Programming with PHP
3. Introduction to PHP – Basic of PHP. SSI Commands – Active Server Paged – PHP Programming & HTML Forms – Use of PHP for the protection & security
4. Advanced Java Programming – Java Appiets – PHP Programming using Java servlet – Java script – Applications – Integrating Java & Java script – Security in Java
5. Extensible Markup Language (XML) – Introduction – Origin and Goals – XML Documents – Common syntactic constructs – XML tags – XML Processors.
6. Internet Application – INTeractive Web page Development – Interfacing with Data bases, internet Access and security – authentication.

Detailed PHP contents :

Basic syntax, expression, operators, control structures, functions, Classes and objects, Name spaces, Exceptions, References, Regular Expressions, Predefined, variables, Context options and parameters, Sessions and Cookies, File upload, Database connection (PHP/MySQL)

Reference :

1. Michael : The web Programming Desktop Reference, PHI, 1998 ed.
2. Mark Gaither & ed Tittel : web Programming secrets with HTML, CGI & Perl, comdex IDG Books, 1996 ed.
3. Patric and Herbert : The Complete reference JAVA, TMH, Reprint 1997.
4. Kevin Tatroe, Rasmus Lerdorf & Peter MacIntyre : Programming PHP, 2nd edition, Oreilly publication.
5. Michele E. Davis & Jon A. Phillips : Learning PHP & Mysql, 2nd edition, Oreilly publication
6. Ed. Lecky, Heow E. Goodman, Steven D. Professional PHPs, Wrox publication