APPENDIX – I

DETAILED SYLLABUS
Post Graduate Diploma in Cyber Law and Information Technology

Sr.No.	Name of the Paper	No. of Credits	Maximum Marks	Minimum Marks.
1.	Computers & Networks	4	TH 80 IA20	40 10
2.	The Information Technology Act,2000	4	TH 80 IA20	40 10
3.	Cyber Law : International Perspective	4	TH 80 IA20	40 10
4.	i) Practical on Computer (External Examiner) 50Marks ii) Viva Voce(External Examiner)25 Marks iii) Group Discussion 25 marks (External Examiner)	4	100	50
5.	Project Work and Viva -Voce. (External Examiner) i) Project Work 80marks ii) Viva voce 20 marks	4	100	50

DETAILED SYLLABUS
PG.Diploma In Cyber Law and Information Technology
PAPER –I
COMPUTER AND NETWORKS

1. Fundamentals of Computers :-
   a) Early computing machines.
   b) Computer and its assembly.
   c) Software.
   d) Computer memory, type of memory and speed.

2. Basics of Networks and Internet :-
   a) Computer networks and its need.
   b) Networks topology.
   c) Types of networks.
   d) History of Internet.
   e) Concept of Internet and www.
   f) Working of Internet.
   g) Protocols.
   h) Web publications.
   i) Cyber space.
   j) Organisations of Internet management.
   k) Related Terms (Abbreviations).

3. Fundamentals of E-commerce :-
   a) Basic of e-commerce.
   b) Types of e-commerce.
   c) Benefits.

4. Cyber crimes and cyber terrorism :-
   a) Cyber crimes and the categories of crime
   i) Cyber frauds   ii) Cyber thefts iii) Cyber   stacking
   b) Cyber Terrorism.
   c) Hacking, Virus, Trojan, worms etc.

5. Internet Security concept :-
   a) Concept of security
   b) Firewalls and types.
   c) Security products.
   d) Biometrics.

6. Cryptography :-
   a) Introduction of Cryptography
   b) Type of Cryptography.
   c) Cryptographic goals.
   d) Key and Keypair.

7. Digital signatures and electronic signatures :-
   a) Technical issue of digital and electronic signature.
   b) Recognition and authentication of digital and electronic signatures
   c) Benefits.

8. PKI Infrastructure:-
   a) PKI Components.
   b) PKI Applications.
   c) Certification.

9. Electronic Payment system and Taxation.

PAPER II
INFORMATION TECHNOLOGY ACT- 2000

1. Salient features of IT Act - 2000.
   a) Definitions.
   b) Electronic record and digital signature authentication.
   c) Electronic governance.
   d) Various authorities under IT Act and their powers.
   e) Penalties.
   f) Offences.
   g) Miscellaneous.

2. Impact on other related Acts (Amendments) :-
   a) Amendments to Indian Penal Code.
   b) Amendments to Evidence Act.
   c) Amendments to Bankers Book Evidence Act.
   d) Amendments to Reserve Bank of India Act.

3. Concept of Cyber – space jurisdiction and other principal of jurisdiction:
   a) Territorial jurisdiction
   b) Extra Territorial jurisdiction
   c) Cyber – space jurisdiction

4. Investigation of Cyber crime (Technical Issue)

PAPER III
Cyber Law : International Perspective

Section-A : Electronic Data Interchange

1) EDI : Concept and legal Issues.
2) UNCITRAL Model Law.
3) Electronic Signature Law's of Major Countries
4) Cryptography Laws
5) Cyber Law's of Major Countries

Section –B : Law of Intellectual Property.

1) Copy Right Act.
2) Trade and Merchandise Act
3) Patent Act
4) Domain Name Disputes
5) Cyber-Squatting
6) Important Case Laws.

PAPER IV
Practical on Computer shall be conducted on following topics

UNIT- I :

DOS & WINDOWS Xp

File Types, Directory Structure, Booting (Warm and Cold), Internal and External DOS Commands, Wildcard Characters, Commands related to Directory (DIR, MD, CD, RD, TREE, PATH), Commands related to files (COPY, DEL, ERASE, REN, ATTRIB, FORMAT, SCANDISK, XCOPY, BACKUP, RESTORE), General Commands (TYPE, DATE, EDIT, TIME, PROMPT), Use of Wildcard characters in different commands,

Introduction to Windows Operating System and their examples, Graphical User Interface, Various applications and Utilities of Windows Operating System, Starting applications, Creating shortcuts, files, folders and sub-folders, Copying files and folders, Control Panel (Add Hardware, add or remove program, display properties, date and time properties, taskbar and start button, mouse, keyboard), Accessories (Notepad, WordPad, Paint, Calculator)

UNIT- II

Introduction to Microsoft Word 2007

Creating a new document, designing a document, saving and closing a document, different views of document.

Formatting : Selection of text, Cut, Copy, Paste, Delete, Alignments, Bold, Italic, Underline, Borders and Shadings, Tabs, Paragraph settings, Page Setup, Print preview, Print, Spellings and Grammar check, Drop Caps, Bullets and Numbering, Columns settings, Header and Footer, Endnotes and Footnotes, Inserting Pictures, Clipart, Shapes, Wordart, Text box, Find and Replace, Change Case.

Inserting or Creating Tables, Add and remove Columns and Rows, Inserting Text, Change text directions, Sorting (Ascending and Descending), Inserting formula in the tables, Working with formulas like SUM, PRODUCT, MAX, MIN, MOD, AVERAGE, INT, Table properties, Table Autoformat, Mailmerge.

UNIT -III

Introduction to Microsoft Excel 2007

Introduction to Excel, Concept of Worksheet and Workbook, Creating a new worksheet, saving and closing a worksheet, different views in Excel.

Formatting : Paste special, Fill Series, Format Cell, Split Cell, Borders and Shadings, Data Sort (Ascending & Descending), Auto Filter, Advanced Filter, Conditional Formatting, Working with Functions (Mathematical, Text, Statistical, Logical and Financial), Goal Seek Function, Workbook and Worksheet linking. Inserting Chart, Formatting of Chart

UNIT- IV

Introduction to Microsoft Powerpoint 2007

Introduction to Powerpoint, Designing, Saving and closing presentation, Different views of Powerpoint.

Inserting Slide, Pictures, Cliparts, Organisation Chart, Tables, Chart, Text Styling, Hide and Unhide slide, Header and Footer

Animation settings, Custom Animation, Transition, Applying Timings and sound effects to slide and text, Slide Show

UNIT –V

Internet

Creation of Email ID, Exchange of Email with and without attachment, Searching materials on Internet using different search engines, downloading and uploading of data

i) Practical on Computer   (External Examiner) 50Marks
ii) Viva Voce   (External Examiner)25 Marks
iii) Group Discussion   (External Examiner)25 marks

Paper-V

Project Work and Viva -Voce.

i)   **Project Work :-** Students are required to prepare a project Work of 60-75 pages on a given topic . It will be evaluated by the External Examiner.

ii)   **Viva voce: -** Viva voce will be conducted on the basis of project work

        Project Work and Viva -Voce.

i)   Project Work   80marks   (External Examiner)

ii)   Viva voce   20 marks   (External Examiner)

Books Suggested for Reading :

1)   **Vishwanathan Suresh T., "The Indian Cyber Law" Second Edition 2001:- Bharat Law House.**

2)   **Prasad T.V.R. Satya, : "Law Relating to Information Technology (Cyber Laws)" 1st edition 2001:- Asia Law House.**

3)   **Syed Shakil Ahmed and Reheja Rajiv, " A Guide to Information Technology" (Cyber Laws & E-commerce) Edition 2001:- Capital Law House.**

4)   **Reed Chris, "Computer Law", Third Edition 1996 (First Indian Reprint 2000):- Universal Law Publishing Co. Pvt. Ltd.**

5)   **Kamath Nandan,"Law Relating to Computers Internet & E-commerce (A guide to Cyber Laws & the Information Technology Act, 2000 with Rules & Notification)", 2nd Edition, Reprint : 2002:- Universal Book Traders.**

6)   **P. Narayanan, " Intellectual Property (Trade Marks & the Emerging concepts of Cyber property rights (HB)", 3rd Edition. (HB), 2002:- Universal Book Traders.**