Annexure No.	31 T
SCAA Dated	29.02.2008

BHARATHIAR UNIVERSITY, COIMBATORE – 641 046

MCA, M. Sc. (S.S.), M. Sc. (ISM) (Colleges),   & M. Sc. I.T. (Univ dept)

COMPULSORY DIPLOMA PAPER I : Web DESIGNING
(for the candidates admitted during 2008-09 batch and onwards)

Number of Instructional Hours: 3   Number of Credits : 4

Subject Description
 This Course presents the basics of Web designing.

Goals:
To enable the students to learn the Programming Languages for Web designing
Objectives :
On successful completion of the course the students should have:
- Understood the fundamentals of Internet
- Understood the fundamentals of Web design and how to program using HTML and XML.

Contents
Unit I
    Introduction to Internet – World Wide Web – Browsers: Introduction – Popular Web Browsers – know your browsers – Electronic Mail : Introduction – E-mail networks and servers – E-mail protocols – Structure of an E-mail.

Unit II
    HTML : Introduction – Getting started – Creating and saving an HTML document – Document Layout of HTML Page – HTML elements – Some other formatting Styles – Hypertext Links.

Unit III
    HTML (contd) : URLs – Images – HTML tables – Forms – Special Characters – Metatages.
    Interactivity Tools and Multimedia : Introduction – DHTML – Scripting Languages – Java – ASP.

Unit IV
    XML :XML basics – Introduction – need for XML – Advantages – Working with an XML Document – Structure of an XML Document – DTD- XML Schema

Unit V

   XML (contd) : Working with XML Schema - Declaring Attributes – XML namespaces – Reusing Schema Components – Grouping elements and attributes. XML Style sheets : Introduction – CSS – eXtensible Style Sheet language – Formatting Data based on controls – Displaying data in a Tabular Format.

REFERENCE Books:
   1. "Internet and Web Design", ITL Education, Macmillan India Ltd..
   2. "HTML and XML an Introduction", NIIT, Prentice Hall of India Pvt.Ltd.