



## Course Content

### CERTIFICATE IN WEB BASED APPLICATION DEVELOPMENT

- Introduction to IT (15 Hours)  
IT usage in day today applications in Sri Lanka  
Web based communication  
Introduction to Internet/Emails, Creating Blogs in the web
- Fundamental of Programming (30 hours)  
Introduction to Programming &  
Programming Design Techniques,
- HTML/CSS and XML (30 hours)  
HTML and CSS their application, JavaScript's and applications  
Introduction to XML
- Image editing tools (15 hours)  
Introduction to CS6 /Photoshop and Applications
- Video/ Audio editing tools (15 hours)  
Introduction to Adobe premier
- Web Design tools (30 hours)  
Dreamweaver/Joomla and their Applications
- Group Project(Static) (45 hours)
- Introduction to Computer Networks (15 hours)  
Introduction to LAN, WAN and Network  
Topologies  
Introduction to Network Devices
- Ecommerce Technology (15 hours)  
Introduction to day today applications in  
Electronic commerce and definitions  
Technical needs for ecommerce  
Usage in the 3<sup>rd</sup> world countries  
Ecommerce application in other area's
- Fundamental of PHP Programming (30 hours)  
Advanced PHP programming
- Funder mental of e-learning concepts (15 hours)  
Usage in Sri Lanka and introduction
- Sever Configurations(WAMP, Moodle) (15 hours)  
WAMP server and Moodle installation  
Usage in WAMP/Moodle
- Database Connectivity (Access, MySQL)(30 hours)  
Funder mental in Ms Access and Mysql  
Database connectivity PHP and Mysql
- Individual Project(Web based-Dynamic) (60 hours)

## **Lecturing Staff**

University Academic Staff

## **Course Coordinator**

Mr. M.D. C. De. S. Jayathilake  
Coordinator, IT Professional Course  
Centre for Open & Distance Learning  
Sabaragamuwa University of Sri Lanka, P.O. Box 02, Belihuloya, 70140.

## **Administration**

Director  
Centre for Open and Distance Learning  
Sabaragamuwa University of Sri Lanka, P.O. Box 02, Belihuloya, 70140.

The Students have to correspond with the office of Director / Centre for Open and Distance Learning, for registration, examination and relevant administration work.

## **Contact Address**

Director  
Centre for Open and Distance Learning  
Sabaragamuwa University of Sri Lanka, P O Box 02, Belihuloya

Telephone : 045 – 2280179 / 045 - 2280395  
Email : info@codl.sab.ac.lk / dilshan@geo.sab.ac.lk  
Web site : <http://www.sab.ac.lk/codl/>