



# MicroMac Techno Valley Ltd.



MicroMac Techno Valley (MMTV) Limited is an IT Enabled Services provider in Bangladesh. We have a successful track record in developing Customized Software, Web Application and Networking. We are experienced in Data Entry and Data Conversion and also engaged in IT Education and ICT Research.

Starting from 2004 MMTV is providing its services to engineer and automate business organization through providing automation software, website and adding value to the expertise of professionals by professional trainings. The firm has a pool of renowned experts who are available to provide the above mentioned services.

**Design your life**

**MICROMAC TECHNO VALLEY LTD**

[www.mmtvbd.com](http://www.mmtvbd.com)

# Our Industrial Attachment Program

MicroMac Techno Valley Ltd (MMTV) offers the following courses, designed by experienced IT Professionals of MMTV, for the Industrial Attachment Program:

- C-1** Hardware Assembling & Troubleshooting
- C-2** Internet
- C-3** Networking
- C-4** Linux
- C-5** Website Design & Development

WE propose **C-1** and **C-2** are compulsory for all students. Students have to choose another one from **C-3**, **C-4** and **C-5**. That is, a student has the option of taking-

Choice 1	Choice 2	Choice 3
<b>C-1, C-2, C-3</b>	<b>C-1, C-2, C-4</b>	<b>C-1, C-2, C-5</b>

There is also option for the students to choose any three (3) courses.

## Our Facilities

- Course curriculum is as per the needs of the industry and is always kept updated
- High-quality learning materials
- Professional and certified trainer
- Free lecture sheets
- One student one computer
- Free internet access
- Highly equipped lab
- Facility to practice in lab after schedule time
- Supports classroom teaching with assignments, workshops & guided projects
- High performer during the training are often offered a full-time job by MMTV later on



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## **Industrial Attachment Program Course Curriculum**

# **Hardware Assembling & Troubleshooting**

# Hardware

A computer is made up of multiple physical components of computer hardware, upon which an operating system and a multitude of software can be installed to perform the operator's desired functions. To better understand how a PC works, knowledge of hardware is essential.

The outline of the Hardware Assembling and Troubleshooting course is as following:

- Introduction to hardware
- Computer Assembling
- Hard Disk Partitioning and Formatting
- Operating System Installation
- Hardware Troubleshooting
- Software Troubleshooting
- Familiarity with the latest hardware - Edge Modem, Scanner, etc.



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# **Industrial Attachment Program Course Curriculum**

## **Internet**

# Internet

One of the greater source of information brought about by global technology is the internet. It has become the ideal means of providing a quality education.

Generally, the students outside Dhaka have not enough facility and opportunity to use internet. That is why, MicroMac Techno Valley Ltd. has given highest priority to internet, provided students the facility to use internet free of cost and designed an extraordinary course curriculum on internet.

The outline of the Internet course is as following:

- Introduction to Internet
- Browser Configuration
- Web Browsing
- Search Engine Basics
- Email
- Chatting
- Familiarity with-
  - ⇒ Social Networking site "Facebook"
  - ⇒ Top ranked universities' websites
  - ⇒ Diversity VISA (DB) website
  - ⇒ Job Website and apply job online





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# **Industrial Attachment Program Course Curriculum**

## **Linux**

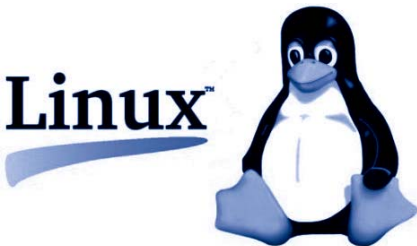
# Linux

We introduced Linux course in our course curriculum because-

- Computer networking using Linux has grown very rapidly
- Linux servers are vastly used in the telecommunication sector
- Linux based networking is much secured.

The outline of the Linux course is as following:

- Introduction to Linux
- Linux Installation
- Basic Linux Commands
- User Administration
- File Management
- Web Server Configuration
- DNS Client Server Configuration
- Troubleshooting
- How to become Linux Certified





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# **Industrial Attachment Program Course Curriculum**

## **Networking**

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# Networking

Today's world is all about digital communication. Networking links computer devices together to support digital communication among them. MicroMac Techno Valley Ltd (MMTV) has designed various modules based on computer network. After completion of these modules student can design LAN and also know the processes to maintain a LAN, and this will assist students to get a job in the field of networking and also in telecommunication sector.

The outline of the Networking course is as following:

- Introduction to Networking
- Network Math
- Networking Fundamentals
- OSI Reference Model
- Networking Media
- Cabling LANs
- IP Addressing
- LAN Design



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# **Industrial Attachment Program Course Curriculum**

## **Web Design & Development**

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# Web Design and Development

The use and need of website is rapidly growing in Bangladesh over the last eight to ten years. Instead of standalone software, organizations all over the world are also becoming interested in using web based application. Hence the demand of the web developer is increasing day by day. Keeping this in mind MicroMac Techno Valley Ltd (MMTV) has designed a world class course curriculum on website design and development.

MMTV Web Design & Development course covers the following:

- Introduction to web
- Website Editor (Dreamweaver)
- HTML
- Cascading Style Sheet (CSS)
- Graphics Design (Adobe Photoshop)
- JavaScript
- Planning a Website
- Website Wireframe
- PHP Programming
- MySQL Database
- SEO (Search Engine Optimization)
- Project (Developing a dynamic website with PHP & My SQL)
- Website design in Bengali Text

# Contact Us



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