

# MAHARISHI UNIVERSITY OF MANAGEMENT AND TECHNOLOGY

## *COURSE STRUCTURE*

### **CERTIFICATE IN COMPUTER FUNDAMENTALS (6 MONTHS PROGRAMME)**

Science of Creative Intelligence	Computer Architecture
Maharishi Vedic Science and Technology	Operating System
Research in Consciousness	Application including MS Office

### **DIPLOMA IN INTERIOR DESIGNING (6 MONTHS PROGRAMME)**

Science of Creative Intelligence	Construction
Maharishi Vedic Science and Technology	Arts
Research in Consciousness	Furniture Designing
History of Designing	Designing

### **POST GRADUATE DIPLOMA IN ARCHITECTURE (1 YEAR PROGRAMME)**

#### ***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Urban Design  
Housing  
Building Engineering and Management  
Landscaping

#### ***Semester - II***

Maharishi Vedic Management  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Transport Planning  
Architectural Conservation  
Hospital Planning  
Project.

### **DIPLOMA IN ARCHITECTURE (2 YEARS PROGRAMME)**

#### ***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Transport Planning  
Housing  
History of Design

#### ***Semester - III***

Maharishi Vedic Management Part II  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Environment and Climatologic  
Urban Design  
Building Engineering and Management

#### ***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Landscaping  
Hospital Planning  
Seminar and Thesis

#### ***Semester - IV***

Maharishi Vedic Management Part III  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Design Thesis  
Project

**BACHELOR OF BUSINESS ADMINISTRATION**  
**(3 YEARS PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Essentials of Communication  
Economic Analysis  
Quantitative Analysis for Business Decision Making  
Principles of Management  
Accounting for Management

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Organisational Behaviour  
Financial Accounting  
Business Economics  
Principles of Marketing  
Micro Computer Applications

***Semester - III***

Maharishi Vedic Management Part II  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Business Law  
Marketing Research  
Public Relations  
Corporate Accounting  
Introduction to Data Structure

***Semester - IV***

Maharishi Vedic Management Part III  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Human Resource Management  
Cost Accounting  
Indian Business & Economics  
Business Data Processing  
Quantitative Technique and Method

***Semester - V***

Maharishi Vedic Management Part IV  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Management Technique  
Financial Management  
Entrepreneurship & Small Business  
Indian Business and Government  
Database Design & Management

***Semester - VI***

Maharishi Vedic Management Part V  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Management Information System  
Entrepreneurial Development  
Banking and Finance  
Marketing  
Project Study

**BACHELOR OF COMPUTER APPLICATION**  
**(3 YEARS PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Computer fundamentals and programming in C Language  
Mathematics  
Business Practices  
Behavioural Psychology  
Practicals based on Computer fundamentals and programming in C language

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Data and file structure in C language  
Structured Systems Analysis and Design  
Mathematical Foundations of Computer Digital Electronics  
Financial Accounting  
Practical based on Data and file Structure

***Semester - III***

Maharishi Vedic Management Part II  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Computer System Architecture  
Algorithms and Advanced Data Structures in C Language  
Microprocessors and Assembly Language  
Data Base Management Systems

***Semester - IV***

Maharishi Vedic Management Part III  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Operating systems organization and UNIX  
Software Engineering  
Object Oriented Design and programming  
Business practices II  
Internship

***Semester - V***

Maharishi Vedic Management Part IV  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Data Communications and Networks  
Computer Graphics  
Principles of Visual and Windows Programming  
Technical Documentation, Presentation and Communication skills  
Project

***Semester - VI***

Maharishi Vedic Management Part V  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Internet Technology and Applications  
Scientific and Statistical Computing  
Multimedia and Applications  
Management Information System  
Project Presentation and Seminar.

## **BACHELOR OF COMMERCE (HONS.)**

### **(3 YEARS PROGRAMME)**

#### **1<sup>st</sup> Year**

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Business Organisation  
Financial Accounting – I  
Business Economics  
Business Mathematics  
Mercantile Law

#### **2<sup>nd</sup> Year**

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness

Principals of Management  
Elements of Statistics  
Cost Accountancy  
Business Environment  
Company Law

#### **3<sup>rd</sup> Year**

Maharishi Vedic Management Part II  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Money Banking and Financial Institutions  
Income Tax  
Auditing  
Financial Accountancy – II

## **BACHELOR OF SCIENCE (COMPUTER SCIENCE)**

### **(3 YEARS PROGRAMME)**

#### **SEMESTER – I**

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Computer Fundamentals  
Productivity Software (MS Office)  
Database Management with Microsoft Access  
Programming Logic Development with C

#### **SEMESTER – II**

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Operating Systems  
Data Structure & Algorithms  
Object Oriented Development using C++  
RDBMS Development with SQL Server

#### **SEMESTER – III**

Maharishi Vedic Management Part II  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Analyzing Requirements & Defining Solution  
Architecture  
Developing Desktop & Distributed Application  
using Visual Basic Project  
Management Information System  
Networking & Internet

#### **SEMESTER – IV**

Maharishi Vedic Management Part III  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Internet Programming using Java  
Web Site Creation & Management  
Advanced Java Development  
Project

#### **SEMESTER – V**

Maharishi Vedic Management Part IV  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Advanced Web Development  
Communication Technology  
WAP & WML  
Project

#### **SEMESTER – VI**

Maharishi Vedic Management Part V  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Introduction to .net  
Working with Visual Studio.net (XML, VB.net,  
ASP.net)  
Programming with C-Sharp (#)  
Project

**MASTER OF BUSINESS ADMINISTRATION**  
**(2 YEAR PROGRAMME)**

**SEMESTER - I**

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Communication Skills  
Business Economics  
Organizational Behaviour  
Computer Concepts  
Quantitative Techniques  
Management and Organization

Strategic Management-1  
Strategic Management-11  
Elective -IV  
Elective -V  
Elective -VI

Students are required to select four electives from their chosen area of major specialization and two electives from minor specializations.

**MARKETING**

Advertising Management  
Market Research  
Internet Marketing & Brand Management  
Sales Management

**MANAGEMENT INFORMATION SYSTEMS**

Data Base Management Systems  
System Analysis & Design  
Object Oriented Analysis & Design  
E-Commerce Technologies.

**HUMAN RESOURCE MANAGEMENT**

Human Resource Development  
Needs Analysis & Programme Evaluation  
Job Decision & Training  
Organizational Development

**INTERNATIONAL BUSINESS**

International Trade & Competitiveness  
International Finance  
International Marketing  
International Business

**FINANCE**

Corporate Finance  
Investment Management  
Money & Capital Markets  
International Finance  
Marketing Research

**SEMESTER - II**

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Research Methodology  
Human Resource Management  
Financial Management  
Marketing Management  
Business Laws/Government & Business  
Business Internship/Summer Training

**SEMESTER - III**

Maharishi Vedic Management Part II  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Management Information System  
Operations Management  
Managerial Accounting  
Elective -I  
Elective -II  
Elective- III

**SEMESTER - IV**

Maharishi Vedic Management Part III  
Maharishi Vedic Science and Technology  
Research in Consciousness

**MASTER OF COMPUTER APPLICATION  
(3YEARS PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Information Technology  
Computer Organization and Architecture  
Programming and Data Structure  
Introduction to Management Functions  
Mathematical Foundations  
Lab-I

Object Oriented Analysis and Design  
Management Support Systems  
Statistical Computing  
Lab-III

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Information System: Analysis, Design and Implementation  
Operating Systems  
Oral and Written Technical Communication  
Accounting and Management Control  
Probability and Combinatorics  
Lab-II

***Semester - IV***

Maharishi Vedic Management Part III  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Network Programming  
Software Engineering I  
Organizational Behaviour  
Lab-IV

***Semester - V***

Maharishi Vedic Management Part IV  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Artificial Intelligence and Applications  
Software Engineering II  
Optimization Techniques  
Lab-V

***Semester - III***

Maharishi Vedic Management Part II  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Data Base Management Systems  
Computer Communication Networks

***Semester - VI***

Maharishi Vedic Management Part V  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Project

**EXECUTIVE MASTER OF BUSINESS ADMINISTRATION  
(1 YEAR PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Organisational Behaviour and Dynamics  
Strategic Marketing Management  
Investment Management  
Project in any of the above in their own Organisation

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Analysis and Interpretation of Financial Reports  
Strategic Human Resource Management  
Decision Making Models and IT in Management  
Project in any of the above in their own Organisation

## **MASTER OF SCIENCE (COMPUTER SCIENCE)**

### **(2 YEARS PROGRAMME)**

#### ***SEMESTER - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Networking Technologies Operating Systems  
C & C++  
Software Engineering  
RDBMS Development with Oracle

#### ***SEMESTER - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Developing Desktop & Database Application with Visual Basic  
Data Structure  
Developing Application & Applets with Java  
Programming Languages  
Project

#### ***SEMESTER - III***

Maharishi Vedic Management Part II  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Web Application Development  
Enterprise Java Development [EJB/JSP/CORBA]  
Programming with C-Sharp (#)  
Project

#### ***SEMESTER - IV***

Maharishi Vedic Management Part III  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Linux Internals  
Oracle Administration  
Project

## **POST GRADUATE DIPLOMA IN BUSINESS ADMINISTRATION**

### **(1 YEAR PROGRAMME)**

#### ***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Managerial Economics  
Human Resource Management  
Accounting for Decision Making  
Management Information System

#### ***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Financial Management  
Quantitative Techniques  
Marketing Research  
Project

**POST GRADUATE DIPLOMA IN HUMAN RESOURCE MANAGEMENT  
(1 YEAR PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Management & Organisation  
Human Resource Management  
IT & HR – Current trends & future development  
Recruitment, Training & Retention

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
HRD & OD intervention  
Needs Analysis & performance evaluation  
Fundamentals of labour legislations.  
Project

**POST GRADUATE DIPLOMA IN FINANCIAL MANAGEMENT  
(1 YEAR PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Financial Accounting & Management Accounting  
Financial Management  
Portfolio Management  
Working Capital Management

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Money & Capital Management  
IT and Marketing of Financial Services.  
International Financial Management  
Project

**PPOST GRADUATE DIPLOMA IN MARKETING MANAGEMENT  
(1 YEAR PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Principles of Marketing Management  
Sales force Management  
Consumer Behaviour  
Marketing Legislation

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Marketing Research Theory & Practice  
Marketing of Services  
Strategic Marketing  
Project

**POST GRADUATE DIPLOMA IN INDUSTRIAL RELATION  
AND PERSONAL MANAGEMENT  
(1 YEAR PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Management & Organisation  
Fundamentals of Human Resources Management.  
Organisation Development  
Industrial Relations

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Human Resource Development  
Legal Frame of Industrial Relation  
Recruitment, Training and Retention  
Project

**POST GRADUATE DIPLOMA IN INFORMATION SYSTEM  
1 YEAR (PROGRAMME)**

***Semester - I***

Science of Creative Intelligence  
Maharishi Vedic Science and Technology  
Research in Consciousness  
Computers Fundamentals  
Introduction to IT  
Management Information Systems  
Object Oriented Analysis and Design

***Semester - II***

Maharishi Vedic Management Part I  
Maharishi Vedic Science and Technology  
Research in Consciousness  
System Administration & Design.  
Data Base Management Systems  
Designing Usable Web Interface  
Project.