

## Guidelines for submission of Project

Project is an integral and important component in the II<sup>nd</sup>, IV<sup>th</sup> and VI<sup>th</sup> Semester of the IT programmes offered. Keeping in mind the necessity and importance of the project, the following guidelines are hereby enlisted for all the MDU Students:

1. **Platform Used:** Windows 2000, Windows NT, UNIX, Linux, Windows 98
2. **Front End:** Visual C++, Visual Basic, C, C++, Java
3. **Back End:** Oracle, SQL Server, MS-Access
  
4. **Selection of Project:** Each student will be doing the project independently; there will no group of the student doing a single project at a time. The project could be an industry project where the student can go to the industry and work over there or the student can do the in-house project at the Study Centre. The selection of the project can be done in consultation with the faculty of the institute.
  
5. **Guide for the project:** Each student will be working under a project guide for the project to be done. The guide could be the person in the industry or can be the faculty at the Study Centre under whose guidance the student is doing the project at the Study Centre. In such cases, the faculty must be at least Post-Graduate in computers with at-least 5 year of teaching/industry experience.
  
6. There is no\* need for any synopsis to be submitted for the project chosen. The student can directly start working on the project selected. (\*for 2<sup>nd</sup> and 4<sup>th</sup> semester only). In case of MCA 6<sup>th</sup> semester student, it is required to submit **synopsis**# before 15<sup>th</sup> March/15<sup>th</sup> September for JULY/JAN exam respectively.  
  
#The size of the **synopsis** can be **approximately 10-15 pages**, which include the following details:
  - ✓ Overview of Project(Introduction, Objective)
  - ✓ Resume of project guide and student
  - ✓ Performa for approval of topic (*Refer the Performa enclosed or download it from [www.kentinstitute.co.in](http://www.kentinstitute.co.in)*)
  
7. The student is required to have **three hard copies** of the project report. In along with this, the student should also keep the soft copy of the project and the project report ready for the viva-voce.

8. The size of the project report can be **approximately 150-250 pages (for 2<sup>nd</sup> and 4<sup>th</sup> semester project) and 250-300 pages (for 6<sup>th</sup> Semester project)**, which include the following details:

- (a) Title of the project (*Refer the Performa enclosed or download it from [www.kentinstitute.co.in](http://www.kentinstitute.co.in)*)
- (b) Introduction
- (c) Certificate from the Study Centre (*Refer the Performa enclosed or download it from [www.kentinstitute.co.in](http://www.kentinstitute.co.in)*)
- (d) Certificate from Organization (if its live project)
- (e) Contents
- (f) Acknowledgement
- (g) Student Profile
- (h) Bio-data of the project guide
- (i) Platform used
- (j) Front & Back end used
- (k) Project Analysis
- (l) Feasibility study & cost-benefit analysis
- (m) Project Design
- (n) Table structure
- (o) DFDs, Data Dictionary, Pert Chart etc.
- (p) Coding
- (q) Form Design
- (r) Testing mechanisms used
- (s) Implementation mechanisms
- (t) Future scope of the project
- (u) Bibliography

In along with it, if the student feels to add on any other topics as per the demand of the project or want to include the functionalities as per the SDLC or the software engineering model used, that can be done and included in the project report.

9. The date, time and venue for the project viva-voce, its evaluation and demo will be intimated later on through the website.

10. The project report must include all the components as per the SDLC (Software Development Life Cycle).

11. As mentioned in the prospectus, the breakup of the Project paper is as follows:

Project Report and Viva-voce (From External Examiner) - 75 Marks

Project Report and Viva-voce (From Internal Examiner) - 25 Marks

The guide or the faculty of the institute can be the internal examiner who will be supporting the student for the project preparation. In such case, the internal examiner will be constantly monitoring the project and as per the performance of the student, appropriate marks can be given to him/her.

12. The Sample of the Title page, certificate and table of contents are hereby there for your ready references. The sample table of contents can be used for the preparation of the project report.

Sample of the Title Page to be attached in the Project Report

<p>Project Report</p> <p>On</p> <p><i>Your Project Title here</i></p> <p>Submitted in partial fulfillment of the award of degree</p> <p><i>Course Name</i></p> <p>From</p> <p><b>Maharshi Dayanand University, Rohtak</b></p> <p>Submitted by</p> <table border="1"><tr><td>Name</td><td>:</td></tr><tr><td>Semester</td><td>:</td></tr><tr><td>Roll. No.</td><td>:</td></tr><tr><td>Enroll. No.</td><td>:</td></tr><tr><td>Study Centre</td><td>:</td></tr><tr><td>Centre Code</td><td>:</td></tr><tr><td>Date of submission</td><td>:</td></tr></table>	Name	:	Semester	:	Roll. No.	:	Enroll. No.	:	Study Centre	:	Centre Code	:	Date of submission	:
Name	:													
Semester	:													
Roll. No.	:													
Enroll. No.	:													
Study Centre	:													
Centre Code	:													
Date of submission	:													

Sample of the Certificate to be attached in the Project Report

**CERTIFICATE**

It is to certify that the project work entitled "\_\_\_\_\_, " Which is being submitted by me in partial fulfillment of the requirement for award of the degree of MCA/M.Sc. (Computer Science) or Diploma Name in the Directorate of Distance Education is an authentic work carried out by me at \_\_\_\_\_, under the supervision and guidance of \_\_\_\_\_.

The matter imbedded in this project work has not been submitted earlier for the award of any other degree or diploma.

(Signature and  
Name of Supervisor)

(Signature of Student)

Name :

Roll No.:

Enroll. No. :

Centre Name:

Centre Code:

(Signature & Stamp of  
Study Centre)

## Table of Contents can be as follows

### **I Introduction**

Problem description  
About Organization

### **II System Study**

**Existing System with limitations**  
Proposed system with objectives  
Feasibility Study

- Economical
- Technical
- Duration

### **III System Analysis**

System Flowcharts  
E-R Diagrams  
Data-flow Diagram (DFDs)  
Requirement Specifications

### **IV System Design**

File/Database design  
Normalization  
input/output form design  
Screen Design  
Report Design

### **V Coding**

List of Programs  
Inputs  
Outputs

### **VI System Testing**

Preparation of Test Data  
Testing with dummy/live data

### **VII System Security**

Checks and Control

### **VIII Conclusions**

Findings  
Limitations  
Scope for Future work

Reference:

Appendices (if any):