# A

# Project Report

# On

# PROJECT TITLE

**(All Caps)**

**By**

* + - 1. **Name of the student 1**
      2. **Name of the student 2**

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##### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

MANGALAYATAN UNIVERSITY, INSTITUTE OF ENGG, TECHNOLOGY, ALIGARH.

[2010 – 2011]

# A

# Project Report

# On

# PROJECT TITLE

## In partial fulfillment of requirements for the degree of

Bachelor of Engineering

In

Computer Engineering

### Submitted By:

* + - 1. **Name of the student 1**
      2. **Name of the student 2**

## Under the Supervision of

Supervisor Name

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##### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

MANGALAYATAN UNIVERSITY, INSTITUTE OF ENGG, TECHNOLOGY, ALIGARH.

[2010 – 2011]

###### CERTIFICATE

This is to certify that the project entitled “PROJECT TITLE” has been carried out by the team under my guidance in partial fulfillment of the degree of Bachelor of Engineering in Computer Engineering / Information Technology of Manglayatan University, Aligarh during the academic year 2010-2011(Semester-VIII) .

**Team:**

1. **Name of the student 1**
2. **Name of the student 2**
3. **……………………….**

**Guide Head, Computer Department**

(Name of Guide) (……………….)

**External Examiner:**

Date:

Place: MANGALAYATAN UNIVERSITY,

INSTITUTE OF ENGG, TECHNOLOGY, ALIGARH

## ACKNOWLEDGEMENT

Acknowledgement should be prepared by their wordings showing their gratitude towards department.

1. **Name of the student 1**
2. **Name of the student 2**

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## BIBLIOGRAPHY

**The format** of Bibliography is “author name , name of project, and its formalization” , name of proceedings of conferences and Journals , year and page no. Example of Bibliography as follow.

[1] Don Box, “Design of Compiler for Mobile Environment and it’s formalization using Evolving Algebra ”, *proceedings of 3rd IEEE International Conference on Mobile Data Management, Singapore, January 2002, PP 159-160.*

[2] “Author Guidelines”, [*http://.computer.org/cspress/instruct.htm*](http://.computer.org/cspress/instruct.htm)

[3] William Stallings, “Cryptography and Network Security: Principles and Practices”, Pearson Education, Third Edition

**Note:** Strictly follow the above format for bibliography and this should be year wise descending order .

###### Format of PROJECT Report

1. **Paper Size :** A- 4 size paper
2. **Margins :**

**Top :** 1” (1 inch=2.54cm)

**Bottom :** 1.15” (2.86cm)

**Left :** 1.5”

**Right :** 0.6”

**3. Line Spacing:** 1.5 line

**4. Title of Chapter**

**Font :** Times New Roman ( Bold face)

**Size :** 18 point

**Alignment :** Center Alignment

One **thick** line (2¼ point weight) after the name of chapter

1. **Headings**

**First Order Heading:** (for example – **1. ntroduction**)

**Font :** Times New Roman (Bold Face)

**Size :** 16 point

One blank line before the heading (12 points)

**Sub Order Heading:** (for example – **1.1. Evolution**)

**Font :** Times New Roman ( Bold Face)

**Size :** 14 point

One blank line before the heading (12 points)

**6. Text**

**Font :** Times New Roman

**Size :** 14 point

**Line Indent :** First line of every paragraph should be indented

By 1 cm. (Except first paragraph \*)

\* **No indent should be applied to first line of first paragraph under any Heading / Sub-Heading**

**Alignment :** Justified (Full Text)

1. **Abstract ( up to 150 words)**

**Heading (i.e. ABSTRACT)**

**Font :** Times New Roman (**Bold Face**)

**Size :** 16 point

Two blank lines after the heading. (12 points)

**Remaining Text**

**Font :** Times New Roman ( *Italic Face* )

**Size :** 14 point

**Alignment :** Justified (Full Text)

**8. Figures and Tables :** Centered Placed

**Caption**

**Font :** Garamond (**Bold**)

**Size :** 12 point

**Alignment :** Centered

**Figure Caption must be bellow the figure and centered, Table caption must be above the table and centered.**

**9. Page Numbering (Centered)**

**Till page, “FIGURE INDEX” : Roman (I, II, etc.)**

**For Remaining Pages**

**(i.e. from ABSTRACT -to- BIBLIOGRAPHY) : 1, 2, …… N**

**10. References / Bibliography**

**Line Spacing :** 1.5 Line

**Font :** Times New Roman

**Size :** 14 point

**Publication details and/or URL must be in Italics.**

**Format:**

[Citation number] Author’s Name, “Article Title”, Journal, Publisher,

Location, Year, Edition/Reprint, PP Page *No Start-End*.

[Citation number] Author’s Name, “Article Title”, Complete URL of Web Page.

[Citation number] Author’s Name, “Title of the Book”, Publication, Edition, Year of Printing.

**Header:** Title- M.U.I.E.T, Aligarh

Font **-**Right hand **-** Times New Roman

Size **-** 14 point

* **No header should be applied to cover page, front page, index, abstract, bibliography.**

**Footer :** Title-left hand- Project title

Right hand-page no (only integer)

Font **-** Times New Roman

Size **-** 14 point

***Note :***

1. *Project Report must be* ***Black colored Hard Bounded*** *&* ***Golden Embossed lettering*** *and printed in* ***Multiple copy*** *(i.e.* ***N+2****).*

*N: Number of students in a group*

1. In College copy and guide copy, Name of all the students in that group must be there in Cover page, First page, Certificate and in Acknowledgement. Personal copy of the students must contain their own name only in Cover page, First page, Certificate and in Acknowledgement.
2. Report must be written in your **own English language**.
3. **Abstract** should **be not more** than **One Page**.
4. Report must be submitted at the time of presentation (**Two copies**).
5. ***“Cover Page, First Page, Specimen Copy “* words are only for students instruction, they are not be printed in the report.**
6. ***Sequence of pages to be followed as:***
   1. Cover page
   2. First page
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   4. Project approval sheet
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# CHAPTER – 2

**IMAGE PROCESSING**

1. INTRODUCTION

Work Flow management is a fast evolving technology which is increasingly being exploited by businesses and in a variety of industries.

Its primary characteristics is the automation of process involving combinations of human and machine based activities, particularly those involving interaction with IT applications and tools. Although its most prevalent use is within the office environment in staff intensive operations such as insurance, banking, legal and general administration, etc. it is also applicable to some classes of industrial and manufacturing.

* 1. **The Evolution of Workflow**

Many types of product in the IT market have supported aspects of workflow functionality.

* + 1. **Image Processing**

# Workflow has been closely associated with image systems and many image systems have workflow capability either built-in or supplied in conjunction with a specific workflow product.

* + 1. **Document Management**

Document management technology is concerned with managing the lifecycle of electronic documents.

* + 1. **Electronic Mail and Directories**

Electronic mail provides powerful facility for distributing information between individuals within an organization or between organizations. Thus electronic mail systems have themselves been progressing towards workflow functionality through the proper channel.