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Ref. No.: **Date :**

Date: April 24, 2017

Subject: Successful completion of the project "ERP and Data Analysis System for Printing Industry".

This is to certify that following students Varun Golani, Hitesh Hinduja, Akshay Dudani, Khushboo Jethwani have completed the project titled "ERP and Data Analysis System for Printing Industry" at the Sai Pack Industry with all the required documentation and reports.

They worked as interns for the period from 14th July 2016 to 31st March 2017.

This training period with our Company entailed dealing with important and sensitive information, records and such other matters of the company. They, therefore, will have to maintain the secrecy agreement of the company specifically for this project. Company reserves the right to be informed as and when the project details are presented or published at any level.

Best Regards,

(Monie Dudani)

(Proprietor, Sai Pack Industry)

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

Department of Computer Engineering

Certificate

This is to certify that ***Varun Golani,Hitesh Hinduja,Akshay Dudani,Khushboo Jethwani*** of Fourth Year Computer Engineering studying under the University of Mumbai have satisfactorily completed the project on "***ERP System for Printing Industry***" as a part of their coursework of PROJECT-II for Semester-VIII under the guidance of their mentor ***Prof. Gresha Bhatia*** in the year 2016-2017 .

This thesis/dissertation/project report entitled (***ERP System for Printing Industry***) by (***Varun Golani,Hitesh Hinduja,Akshay Dudani,Khushboo Jethwani***) is approved for the degree of **Bachelor of Engineering(B.E.)**

Programme Outcomes	Grade
PO1,PO2,PO3,PO4,PO5,PO6,PO7 , PO8, PO9, PO10, PO11, PO12 PSO1, PSO2	O

Date:

Project Guide: Internal and External

Project Report Approval
For
B. E (Computer Engineering)

This thesis/dissertation/project report entitled (***ERP System for Printing Industry***) by (***Varun Golani,Hitesh Hinduja,Akshay Dudani,Khushboo Jethwani***) is approved for the degree of **Bachelor of Engineering(B.E.)**

Internal Examiner

G Bhatia

External Examiner

D Vora

04/05/17

Head of the Department

Principal

Date:
Place:

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Abstract

The number of processes to manage in a printing industry becomes very complex to manage. On the given requirements the goal is to create an overall system that manages the tasks such as stock management, accounting, employee management, machine status management, order tracking. The development based on many components is advantageous for building the ERP system according to business needs and makes the maintenance and upgrading becomes more convenient. There is a queuing model for managing jobs in different phases. These phases include Printing,Lamination,Punching,Corrugation and Pasting,Delivery.The Printing queue is a priority queue consisting of three priorities(Normal,High,Highest) and the rest phases have an FCFS queue.The Stock table is auto managed by the software and purchases are also tracked. Employee Management System also has options for Insert,Delete,Update,View Employee. This report also tells us about how the business requirements are achieved by the ERP system.