



JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)

An International Scholarly Open Access, Peer-reviewed, Refereed Journal

PROJECT MANAGEMENT A SYSTEMS APPROACH IN THE FIELD OF RESEARCH ON PAPER PACKAGING INDUSTRY

1-Mr. Mohammed Eshteiwi Ahmouda Shafter

2- Mr. Osama Mohamed elsharef

Faculty of Commerce

Authority of Natural Science

Alzaytuna University-Tarhuna-Libya

Research and Technology-Libya

draksingh52@gmail.com, draksingh501@outlook.com

Abstract: - In project management different activities and events are performed in a particular duration of time as per the urgency of project like metro rail construction projects are completed by going through various activities and events with lot of management of man machine material building and place development etc. In a project completely planning is done before starting a project means planning before doing. First of all the activities are planned and events are planned and duration of time required to complete the project along with each activity completion by making a chart by showing different activities and events and by marking each event by showing in arrows and making the chart of predecessor and successor .As per the industrial engineering and management Planning, organizing, directing motivating, coordinating and control kept in our mind for the success of any project. The execution is done keeping in mind the frame work by taking care of supply chain management. What will be the output while applying input is taken care as the project may differ from project to project and accordingly complete planning is done.

Introduction: Managing Projects of different types like one is used for academic purpose and other is used for industrial purpose in both the types our main aim is to utilize the proper functioning of each project to get the output as desired. Academic purpose projects and development projects both are entirely different. In this paper the work in industries of paper packaging are taken as the part of project

management for the manufacture of corrugated sheets boxes and rolls and different kind of raw material is used to manufacture product i.e. boxes for the packing of electronic goods, perishable foods, medicines, fans, geysers, computers, almirahs, liquor boxes like several items .At present the demand of packaging item is several tons in India and abroad. Whenever any industry is started the location factor plays a very important role as if the industry is located at industrial place it's become easier to run as all the requirement of industrial power, development, transport and even sales of goods is also possible with in the industrial area. For managing project all the factors are considered like land building, plant and machinery, escalation and contingencies, electricity and water, pre- operative expenses, Man power etc. The supply chain management plays a very important role in any industrial activity. To establish any project the complete information about marketing, finance and technological aspects are scrutinized carefully. The market survey is done to know about the latest development in the technique and the information is collected from various sources. Before starting your project the objective of the project must be clear as unless the objective/target/goal is clearly known, everything done will go waste. Therefore first of all the objective/goal/target is to be decided and then further study to be done for academic research purpose.

Project viability: - The preplanning is done before starting any project and the under mentioned points should be checked very carefully

- 1-Financial Aspects
- 2-Break Even point
- 3-Net Present Value
- 4-Marketing aspects
- 5-Technological aspects
- 6-Profit and loss
- 7-National aspects.

Investment criteria:-There are number of investment criteria in use .Some of the accepted criteria are given below.

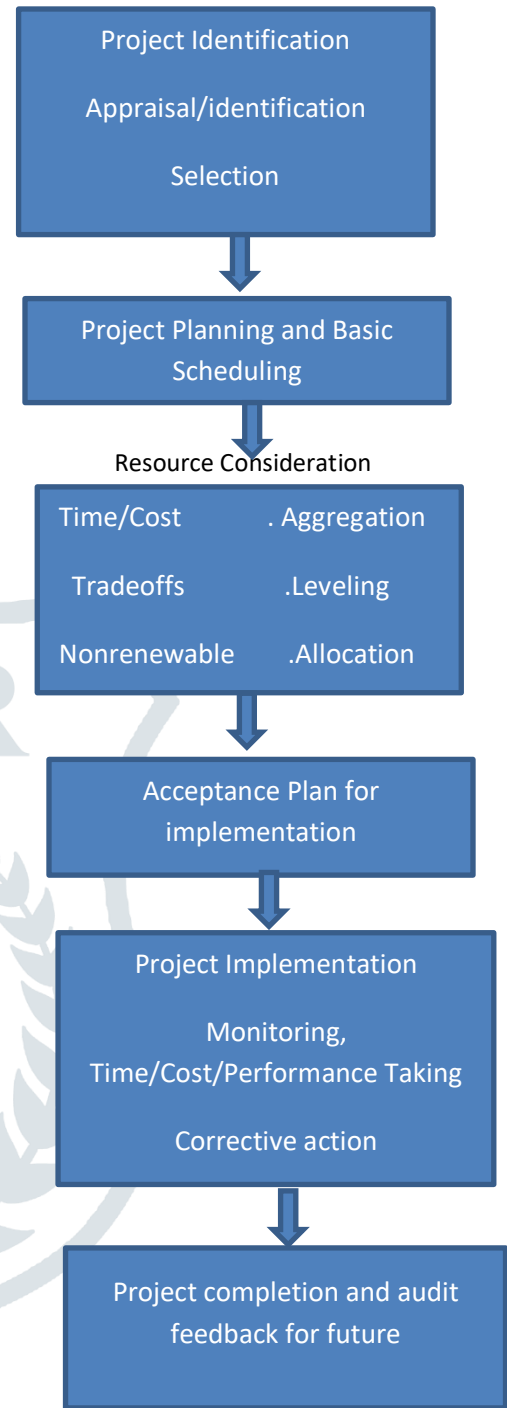
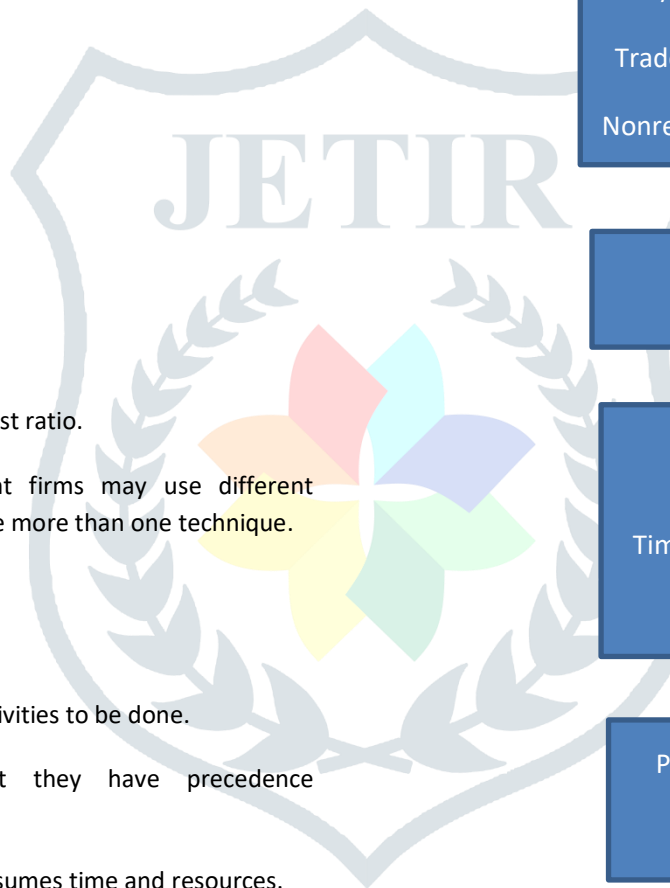
- 1-Traditional criteria
 - A-Payback period
 - B-Accounting rate of return
- 2-Discounted cash flow criteria
 - A-Net present value
 - B-Internal rate of return
 - C-Profitability index or benefit cost ratio.

It may be noted that different firms may use different methods. Large company may use more than one technique.

Project Management concepts:

As each project is unique.

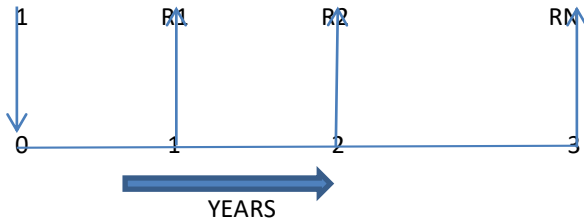
- 1-Aproject will consist of task/activities to be done.
- 2-Tasks are not independent they have precedence requirements.
- 3-Nature of task as each task consumes time and resources.



Project Feasibility Report

| Project selection | NPV | IRR | PAYBACK | RISK |
|-------------------|-----|-----|---------|------|
| P1----- | | | | |
| P2----- | | | | |
| P3----- | | | | |
| PN----- | | | | |

Financial criteria in Project Management-Entrepreneur is mostly interested in the Investment level in one time and Phased investment secondly in Returns of Magnitude and Time which is estimated from the sales of the product thirdly Risks depending on the contract.



Development of Project Network

List of jobs

Gantt chart

Project Network

Precedence relation

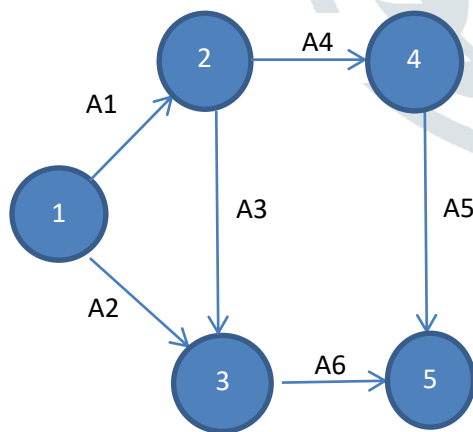
CRM critical path method

P.E.R.T Programme evaluation and review technique

Network Representation

Activity on Arc A-O-A

Activity on Node A-O-N



Examples of a Project;

Construction of a new factory

Building of flyover

Launching a campaign

Getting married

Building a ship

Preparing the annual report

Designing and launching a new product

Conducting election

Preparing a five year planning

Review and redesign a course

Project objective;-

Profitability

Consumer satisfaction

Market leadership

Employees' satisfaction

To develop new technology

Social welfare

| Activity | Predecessors |
|----------|--------------|
| A1 | A3 |
| A2 | --- |
| A3 | A2 |
| A4 | A3 |
| A5 | A1, A2 |
| A6 | A5, A2 |
| A7 | A4, A5, A6 |
| A8 | A7 |
| A9 | A2 |
| A10 | A8 |

A5 Predecessors are A1 and A4

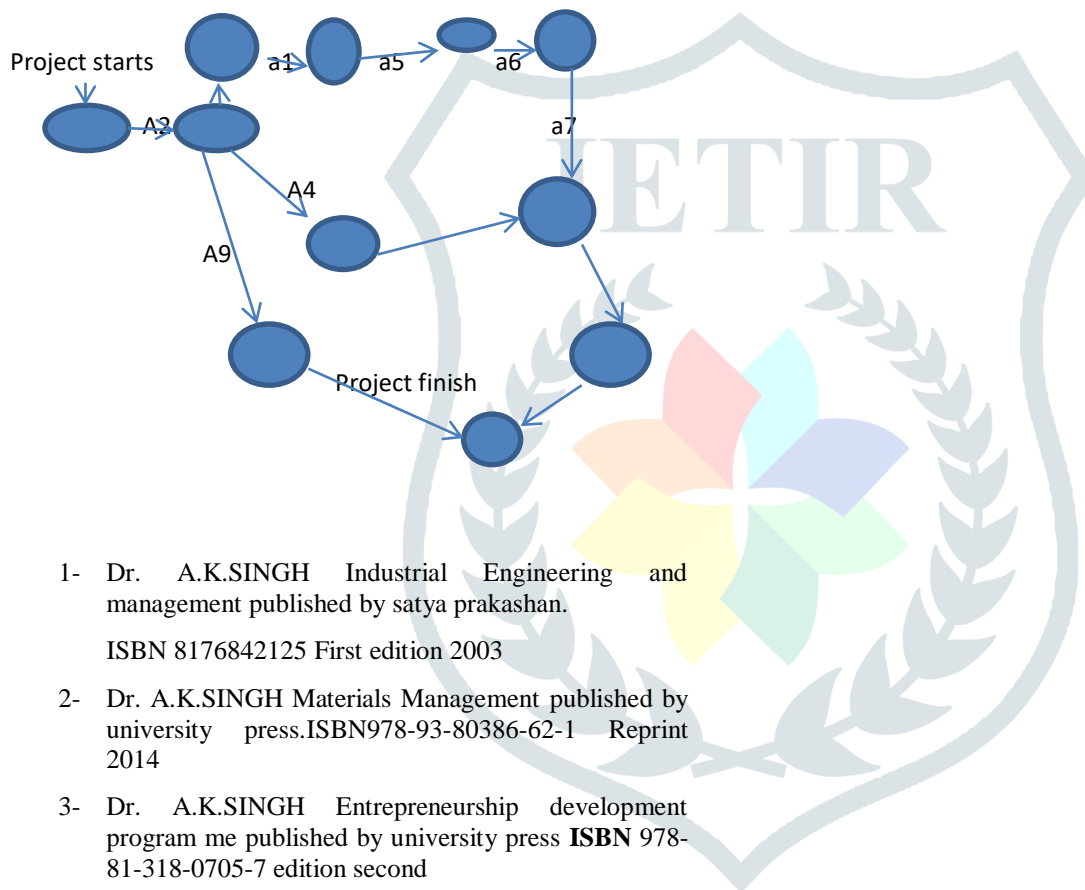
All the above points to be considered for completing project like first of all you have to make layout plan for installing different machines as given in this project managing packaging industry all the machines like corrugation machine, board cutter, pasting machine, cutting and creasing machine, slotting machine, stitching machine all to be installed by going through financial criteria and managing paper reels of different gram mages with 300kg, 400 kg weight of reel of different types of papers like craft paper, semi craft paper and pasting glue and silicate and stitching wire etc. The project

finishes once product made and sold and feedback taken for improvement.

Result and conclusion:-

After conducting various activities and tasks which were allotted for the project as per the time allotted gives the complete project management details. As different projects have different types of task and activities and depending on the financial criteria good projects can be managed

List of References:



- 1- Dr. A.K.SINGH Industrial Engineering and management published by satya prakashan.
ISBN 8176842125 First edition 2003
- 2- Dr. A.K.SINGH Materials Management published by university press.ISBN978-93-80386-62-1 Reprint 2014
- 3- Dr. A.K.SINGH Entrepreneurship development program me published by university press ISBN 978-81-318-0705-7 edition second