CHAPTER 1

PREAMBLE

1.1 INTRODUCTION

Right decision at the right time will provide successive outcome. To reach at the particular decision, managers need exact information on specific criteria. So Decision making is the process of certain steps which needs information system. Now a day most organization stored their information system by using computer applications still there are certain organizations still prefer to maintain manual information system for the sake of urgency in case of any urgency occurs in business. Effective decision making is the essential element of organization performance and also depends on perfect information system. Information system that save time, reduce cost, lack of redundancy in data, lack of complexity in process with accurate and timely available data. To create information system pattern for any organization concern managers has to consider factors that affect in business and visualize and form blueprint of the design of Information System.

Twenty first century’s business organization is almost automated world. And maximum business transactions are process through web based applications and on internet via WAN or Wi-Fi technology. Now a day’s term E-business has popular due to advanced usage of instruments in day to day life even on the level of corporate as well as at individual level. World of “WWW” made possible to utilize the maximum sources of information for the business. Various enterprise applications has covered all area of communication between corporate managers as and when requires for discussion and even for analyzed. Communication with customer, suppliers and business clients are now easy on one click. Enterprise resource planning, SAP, Customer Relationship management, Supply Chain Management, Product Life Cycle Management are the example of modern business application to integrate their functional department of business.

Increasing growth in usage of internet, web application and unified communication technology enhance the business process of management and improve maximum business operations online and digitalized. Followed with gradual use of internet and technology organization has crossed domestic boundaries and forms with
new concept of e-business enterprise where these ‘Digital Business Organization’ operates there each process transaction activity on automated system.

Implementation as digital firm is itself vast concept to structure and mange the comprehensible strategy for the employee as well as for stakeholder to the organization. Transaction of information system in digital organization where transaction, information, communication, table, graph, pictures, image drawing every business correspondence exchanged via digital medium within and outside to the organization. All the kind of information will share through the system of automation structure within firms. This has created the scenario of paperless business organization around the world and digital organization has fast process of exchanging information as well as feedback process of each level of transaction improve more transparency and accuracy in enterprise world due to Business Process intelligent structure. Finally everything these function based on important aspect of entire process i.e. Management Information System. Support information system is always plays an important role to take right decision which should be fast accurate and purposive in respect to achieve profit or reputation among the global world for organization. Decision’s ultimate impact on the growth of organization hence even a small decision has to be extracted from strategic information system process activity from ground to top level at organization. All decisions are always based on certain facts figure number of reports and summary report which are maintain through the management information system MIS i.e. Management Information System structure for enterprise organization mainly focus on Key result area of organization, KPI i.e. Key performance indicator ,Key business operation measures and Critical success factor.

Management information System provide information through various process of data analysis where data relies on specifically on nature of business, organizational culture, management theories policies and practices, and pattern of employee’s psychology etc. The basic fundamental of MIS is depends on its management principles and practices. Management information system has certain planning and structural pattern of data to information analysis on each level of management for the best possible decision as output. Structure of MIS has various sources of gathering data as an input processing it in different pattern to analyze its right usage for the organization. It also consider right use of theory of communication which involve a capacity to manage input data processing and control essential output for further use
in business transactions. Transmission of information from source to destination has specified with level of communication within the firm.

Management Information System is the virtual concept of actual organization setup. It has power to achieve success for the organization in global market, management of organization must work together to accomplish the goal of organization with the support of effective information system. A manager has to understand the functions and strategy use in optimized manner to accomplish the task of business process communication and transmission over the network. Such transaction system covers the entire business process for information transmission. This process of information transmission has many commercial layers in its use and manager has to utilize all this features at fullest way of its capabilities. MIS supply the information and process further to complete the transmission and reporting through it functional system. All computer system exclusive use for commercial purpose and main domain of this framework is database of the system where all the information gathers together and sorted in specific field. DBMS is the center of attraction of MIS system. Sequence of data fragmentation in filed depending on the function activity of the particular department. The Work flow of Management Information System has clearly defined the communication process and level of information transmissions and data processing throughout the organization. Below is the figure of work flow of management information system briefly explained the performance of strategy to use for data processing into information transformation. Figure 1.1 clearly explain the processing need of data into information MIS process has different layers of collection of data; sorting and dissemination of data and information for further processing on it all intelligence use their skill to analyze and evaluate the final decision.

![Figure 1.1 Work-Flow of MIS](image-url)
Management Information system collect the raw data from various sources and from the primary research, all collected the data organized and monitor for primary distribution to its functional area of interdepartmental activity, such sort of action continue on primary data to supply in different department on storage database and also analysis on data transformation into presentable form, further in to that authenticate user access the information and evaluate and present in reporting form to implement in practical situation of functional department with superior’s approval on it, Management information system is the supreme level of database to use for the efficient decision making. MIS plays key role in business and support as backbone to the organization for information. It has integrated pattern to keep external and internal database updated in modular format for functional use, interaction of managers for particular information transmission will process on specific activity will innovate or create new idea for further study of analysis. Each element of MIS process has value to their existence and everything is interrelated with its substance. MIS is the complete system of different subsystem of organization and important part of this is its connectivity and integration in interdepartmental functions. Anything affected in one department may affect somewhere in other department of the organization but MIS also gives or provide controlling system to avoid risk and covers threads of such aspects of interconnected system.

Management Information System has specific elements or components in its area of information transmission. People, Technology and Process (Figure 1.2) are the main component of Management information system. Inter-relationship between these three components is relatively important for each other to functions entire procedure to complete information transmission activity to achieve decision for organization growth. Firstly skilled and professional group of ‘People’ will always assets of organization for their performance. Human resource potential is the real assets of business. It must mold at right direction to drive for organization mission to complete. In case few unskilled users may found in it processing management need to provide them training and make them capable to effective use of information system. Such awareness programs improve the performance of employee.
Secondly ‘Technology’ is the undetectable component of management information system. Its separation from organization will leave us in traditional businesses. Now a day technology is the key to success of global world on one single click. Technology consists of all hardware, software, programs and applications, networking model, internet-IP, email service, online messaging system with this unified communication systems video conference and telecommunication, voice over the network or IP these and many other new hi-tech has grow in its use and such technology give boost to the entire organization for their contact to improve in all over the world for future business collaboration with new customer and client globally.

Thirdly ‘Process’, here in MIS specific process has to be set depending on the decision making structure, depending on the level of management and authority to provided to specific user over the access on the database. Process is the set of rules or policy has to be followed with its guideline to keep unified and standard strategy in organization. Management Information System Process also has certain procedures to follow in particular area to access database and to delegate task to subordinates. These processes create value and principle within organization and build specific standard to the strategic plan in order to achieve profit to the business organization. So interrelationship between these three components has many aspects in its work flow and many elements involved completing business process. Support of this MIS create easy flow of information amongst the employee of the organization to understand the
key role of their performance and MIS gives clear view to action plan and duration for particular task and accordingly people process and technology used to derived certain decision.

Strategic management placed these three components as prior factors to monitor and aligned with their functionality. Policies and rules form for these components and mold information for further purpose to analyze the situation. Level of management has certain process rules to follow to work on information system to achieve certain decision. Planning generally support to management as backbone of the all process which completes the entire delegated task within organization on operational level, tactical level or on strategic level due to clarity of responsibility at all levels of management about their duties towards the organization. Strategic acts involve the area of economic planning and political process of business transaction as well as strategic decision work happen on these levels of management and on level of communication where unstructured decision concluded on the level of top management. On tactical management, Managers of middle level delegate the task and plan certain schedule budget and procedure and monitor the performance of self directed team to achieve specific decision for further processing of business transaction. Project team, process team, and departmental corporate group for middle level semi-structure decision. Operational management working as self directed team to process for short term activity and to resolve day to day task of operational process. Decisions on this level are always structure decision. Depending on the level of management decision structure changes and information change the form on each level of its transmission for better decision to the organization to successes in its entire life cycle of productivity and to provide quality services to the customer.

Decision maker analyze the data and information as per their requirement to achieve perspective decision to implement for the best possible option in business process. Decision must be available in time and content of it useful for specific reason to obtain desirable output and all levels of it management information more or less change the form of its specification in it. Unstructured decision is done on the top management or on strategic management level (Figure 1.3) where decision is mainly aspect of considering political economical and environmental impact in decision formulation. It is specifically defined for long term goals of the organization.
Semi structure decisions is mainly conduct on middle level management i.e. on tactical management where information has molded in different form or report or in summarized format with graphical tabular or slide presentation to analyze its various use for middle level task to complete by self directed team on delegated activity. Such decision mainly based on semi-structured decision forms to the information. Structure decision are mainly formed in operational level of management where all day to day activity complete by employee who are responsible to process on specific data for further additional work on it. Here operational level team of organization process on instructed information for processing on it to achieve specific decision out of it this decision is structure decision of organization to complete the business process activity. Information system is combination of elements such as people, hardware, software, communication network, storage database, policies and procedures, process all these integrated and form management information system of organization. MIS provide information to process of different functional task to achieve certain decisions for competitive advantage and to set certain level of rank in global market for org. Management information system is a definite system of various process of organization transaction carry out under the guidance of managers to reach at goal through performance of all involved in its action. Extracted reports and scheduled report analyze to verify the best possible solution for processing further needs to be complete. MIS process like heart of the organization as in human body the role of heart to supply pure and require blood to the all part of body including the
brain. Similarly information flow in all part of organization in time and accurate for will maintain the entire process active and effective to produce desirable result of organization growth. Heart regulates, controls the incoming flow of impure blood in the body, also fulfill the need of blood supply in normal and in crisis periods. The MIS plays exactly same role in the organization. Entire system ensures the flow of information must be regulate and control with specific process within organization. These systems supply the information and predict for projected further needs of information requires to individual, manager and even to the top management. MIS provides and works as support system the different needs with the help of other system such as decision support system, analysis system, Modeling system, query system, transaction process system, executive information system, operational control system. MIS provide information to control process and operations of business transactions. MIS also helps employee in middle level activity, lower level task and top level strategy forming. Monitoring and organizing part of the system which always tries to cover the risk in entire process.

**STRUCTURE OF MIS SYSTEM**

Management Information System is structural combination of people, process, procedure and technology to convert data into information for the specific goal to achieve. Data gathered from various sources like internal and external sources and process on it to convert into useful and appropriate information for the management to help and guide them to reach at specific result of decision. All the levels of management need superior information to achieve superior objective of the business task. Each manager has to take advantage of this process to achieve certain target to complete decided work of business operation with the help of MIS. An information system improves the value to customer by knowing and gathering more information about them through the various sources of data collection and online research team. These extracted data and facts numbers fielded and collaborated in automated system in such way that generate certain pattern of information as and require to manager depending on criteria of business requirements. Management Information System based on approach that reflects continuous up gradation of database and its related process of communication and transaction design which increases the value of services to the customer. Values added to service always improve the score of total quality management of the organization. MIS consists automated hardware system and
software which require to the organization depends on the nature of the business that is organization are manufacturing organization in nature or it deals in service sector of certain intangible performances in market. Such type of nature of business organization contains enterprise application suitable to their operational activity to control and manage process. Going ahead now organization increase the use in technology advancement for the business purpose, frequent use of knowledge of communication, video conference, cellular conference, PABX i.e. private automated branch exchange, videotext are certain application of modern technology. Traditionally MIS only focused about faster process of internal business operation in effective way.

In a modern duration MIS provides additional value to customer and focus on gaining maximum market shares. The aim of MIS in enterprise organizations shifted from ‘just in time’ to ‘just in time information where action is important’ this is the best way to managed and balanced score card and dash boards to check and evaluate the performance and key area result of process of functional activities. All these process of monitoring only for the evaluation of continuous improvement. Today’s corporate investment and assets are nothing but government policies, information and knowledge, corporate data published reports which gives ready information about organization performance for certain duration in the market. To provide strategy analysis and building blocks that enable evaluation of business operations and their strategy performance. Though these data readily available but obtain right use of it manger has to study its hidden patterned and strategy which had applied over the time of implementation of particular activity. Manager experience and their analytical power can make it possible to identify value of such database and directly connect to the capabilities of lower and middle level employee of the organization to access, control, move, manage it. MIS support integrated information environment mainly emphasizing on strategy and its depended performance.
Management Information System based on certain fundamental elements (Figure 1.4) such as IT and enterprise software, Database and knowledgebase storages and specific values of application of principle and management, application of pure and social science and very essential organizational goal and mission. Including all these MIS has ingrates everything that needs for organization growth. Each element and value factor has its important to process functional activities in business organization. The role of Management Information System has summarized and analyzed in impact of competencies potential for decision making. Based on MIS process decisions are obtained by top level management after evaluating reports and information presented or reflected in system, accordingly business process circulates requisites further to complete particular task. Hence input in information system must fill or record by certain patterns of automation system to reduce redundancy and data also is accurate with information to reach at right decision. MIS has certain limitations and challenges with its system. If its manage and control with input data processing system and evaluate on each levels of communication about output information and its processing system then result of managing MIS. In decision making process to increase effectiveness above set of elements and values has to be maintained and balanced for perfect decision to be made for the organization growth. A management information system is the interrelated to people, technology and organization. It is a
saying that “necessity is the mother of all invention” likewise getting most valuable
decision has the impression of strong management information system. Management
Information system has systematic process of gathering data, storing and transmitting
accurate information to management. The positive result of decision making which is
the important part of management process, which is half depends on managed
information and half on functionality of process elements. Information is the lifeblood
of organization. To deal in operational activity in organization mainly need finance
but to managed and control the result of performance which deals with customer need
strong information system with certain process of data evaluation and objectives of
MIS is withdraw decision for certain process to further work to be done by
management team. When forming organization management has to keep the broad
vision for the each employee of organization, managers actively get involved and
guide in the process to concern stakeholders. Management has responsibility to
collaborate human resource to achieve particular task so adopt the changes in
organization wherever and whenever requires to change. In case changes need in
technological changes once must adopt and implements new technological
infrastructural changes in organization, Information technology must based on
updated system and also trained other employee to understand the utilization of such
technological changes of companies. Enterprise application has different form in use
and such web portal or internal portal create certain patterns in database to use for
various functional department to complete certain procedures. Important part of every
MIS in organization is that, Mangers has to take complete responsibility and
accountability to utilized and managing information system in specific way to control
internal and external process of organization. MIS is set of scientific management
which has complete planning and control on overall activities which interrelated with
application of human technologies and procedures. Management Information system
has scientific way to process further with planning organizing and forming right steps
to achieve specific goal. Management information system customized the automation
in functional application system to retrieve information related decision require to
take on certain moment in operational task or particular implementation throughout
the complete value chain of entire business management based on which important
decision has to be taken by management team. Hence MIS entirely depend on system
theory in structure. System theory is conceptualized designed which has solution for
any kind of complex environment of input and output flow of data processing system.
It also involves the theory of communication to transform information from one source to destination where it’s requiring to transmit in system. It reduce the distortion in transmitting the input and output flow. It maintains principle of system design such as open and close system. Open system has continuous adjustment or up gradation or correction in system wherever require in line of input and output flow this kind of MIS system helps to maintain consistency in organization. Management Information System provides systematic process flow of certain activities within functional departments of organization to achieve particular decision to complete the work and to make it more effective, efficient coordination require within inter-department’s to access relevant data and information.

The main purpose of the management information system is to provide timely information to the managers to solve the problem by taking decision. MIS make it possible to connect the rest of the world and even with the processing of day to day activity of domestic level within organization. MIS integrated by commercial database which contained data from transaction processing source of information. The strategic impact of MIS to develop product and services, it can also provide competitive advantage in the global market. MIS encompasses Management, Information, System as its not only technical term it has combination of certain process elements, structural element, and functional element of management information system. Primary element factor of MIS is information technology system which changes the business world completely. It is known as revolutionary changes that impacted over the human life. And the changes are happening all over the world, use of MIS is essential need of every organization to understand the complete information related to the business processing system as well as the psychology of the employee to run this to achieve organizational goal. MIS reduces cost in processing and improve the speed of processing to provide timely information to manager to take essential decision which helps to control business function effectively. In general many organizations have maintained Information system and unified communication expands the use of information system within organization.

The initial phase of Management Information System process on data in different form and its automated field and patterns generate standard scheduled customized reports as regular interval. MIS has configured to work from gathering raw data processing in various form on it and provides finished information which valuable to take decisions for the organization. Each individual has to select data for
its processing work on or related to it and further modified when require to segregated as data and information or interdependent data as attributes of information in whole summarized form. Management information system is automated computer based Information System. MIS is well organized and planned system platform of gathering, sorting, analyzing and distributing data as and when needed to run business management functions. These systems provide valid and essential decision based on analyzed information with intended result for the organization. Such decisions are accurate and well designed as per need of managers and stakeholder who are dealing with it for further presentation purpose. These report works as guideline for decision maker and useful for further investigation. Reports are depends on modifications and kind of selection approach of managers analytical power to understand and evaluate value of information and intellect to create value added to the same information for the organization stability in market competition and earning market share in global market. Concept of reporting mainly added to Management information system, its reports and information system influencing the decisions and role of MIS integrates system information and managements by performing active participant on database. Combined solutions which mainly provide data in the form for further modification convergence analysis monitoring and forecasting decision based on these activities of management. Dissemination of information is completely depend on who has right to access which information require to access for organization benefits based on its hierarchy of level of managers and its subordinates to follow the work which need to be done through all these formalities to come up with certain decisions related to respective task decided by top management. Computerized database where information stored digitally which organized and programmed to produce operational regular reports scheduled report or customized report and based on it managers received feedback or results and performance of individual group or overall achievements of organization in front of top management. It’s all combined success of MIS system which reflect actual data against desired and expected result at the beginning of performance. Based on collected data from the various sources it’s gathered at one location its sorting presentation tabulation everything has been done within computerized system to provoke and decide distribution of data based on access proved to stakeholders of MIS, it encompasses even broad and complicated topic data structure to study and evaluated by analytical research team executives to present or add it in respective field or require functional database to enhance further
activity to take decision depending on the collaborated database in MIS. In the competitive world MIS provide evaluated solution and decision to achieve maximum profit through its functional activity. MIS is the combination of hardware software and networking devices all these provide integrated solution to the managers in particular forms for further analysis where before taking any decision system gives many option to evaluate all the possible output which will be best for the organization growth. Evaluation monitoring decision making and reporting are the tools which MIS provides as information in prescribed form as and when require to managers. Over the safe and secure network connectivity information reached to the all stakeholders who are dealing with integrated MIS database. It is requiring understanding the concept of Decision making is important part and format of MIS, The Simon model has conceptual format with decision making approach in such a way that the problem is identified in precise terms. It means Simon’s models provide diagnostics to bring problem on surface to know its presence and ensure further this system provide model for decision making. These systems provide alternative for decision test in various forms and choice best one out of all other alternatives. MIS gives tools to reach at right decision and that tool is programmed decision which is accountable and responsible for its activity in system and produce specific decision based on automated system provided through input. And about non-programmed decision MIS provide generalized model of decision making. MIS plays an important role in organization structure to run day to day task and forecasting for future in commercialized world.

BACKGROUND
Traditionally information system support in collecting and maintaining data for operational purpose to take particular decision. Where as in modern world of technology Management Information system always support to the management decision making through its analytical structure of automated system in operational as well as all other functional department of organization to compete in global world. Going back to 1950’s and 1970’s when information focused on transaction activities such as accounting transaction to access figures readily to check for the records of business production and sales. More advancement in management system leads easy access of information whenever requires to the management which enabled accurate decision and many tools to support decision support system. Now in modern world information is much complex and critical than in year 1970’s or even in 1980’s when
business transaction mostly worked and pointing to operational needs. Information always plays an important role in organizational activity but only due to MIS its has potential now to create more value to particular task or event in environment of organization by using it on right time to the right place with right and accurate presentation to achieve effective decision. In year 1980’s with the rapid growth and development in information technology has changed and replaced style not only with computer based information system but also interdepartmental connectivity for functional acts to take decision on combined database for information through which decision maker will obtained best possible solution to particular event. Information system convert data from internal and external sources and process on it for pattern information for further communication within organization in specific format at all level of function management where effective decision will concluded after planning and controlling activity which are effective to complete for the organization. Actual historical development started in the year 1960’s. This was the year in which MIS have existed. Technology initiated with small steps of unaware innovation in saving certain data and activity. Mainframe computer emerged and did start in automating information in organization. In those days it works as a reflection of second generation of use of software application in business. Base of the transitional level was large and centric system of 1950’s and early 1960’s. More software tools started taking root in the year 1970’s. Software application i.e. word processing and decision support system. MIS was not introduce in those days first because of lack skill and technique or computer literacy within the organizations. As prices of computers were growing cheaper and software was developed user interference increases the use of it in business activity. And here the period was MIS was got its approval in the year 1970’s. Different editions in software applications regulated in the year 1980’s with the help of this software many database has emerged till 1990’s and in the year 1990’s MIS started processing on real time basis and it was differentiate MIS and other information system existence in those period of business process. Those days MIS was not fully its use with new techniques of ecommerce and unified communication techniques but it was processing, collaborating the complete information database of entire organization.

Those days’ software packages were few in count and that also not full fledge function at the organization requirements. Now concept of MIS accepted worldwide and it represents automated system of computerization in digital and electronic world.
End number of methods integrated in it to complete the function of accounting, calculations, reporting, record keeping, analyzing, and evaluating not less than one corporate application. Automation initiated first in the year 1980’s in form of tabulating cards which easily tabulated and counted. Those punch card captured element of information keyed and some of it could possible to take print to tallies the result. Each card contains the data and now it’s worth as database records and Card parts are respected as field of today database. World famous IBM started in the year 1911’s and that called as Computing-Tabulating-Recording Company. Before IBM there was C-T-R. Time records maintained in punch card and it was weights at scales. At United State Census used that card for record and also manipulates data. First computer innovated after World War II card system used as front end feeding programs and its output computers cut card and other machine printed from these. Card systems not entirely stop until the year 1970’s. It was replaced by Magnetic storage media such as disk or tape. And these devices improve the capacity of storage and speedup the calculations.MIS started growing with growth in rapid use of calculation features and things become computerized. Innovation waves explorers the quality of rational information system in all the way of business process in the year 1970s, 1980s, 1990s. Big organization started developing their own database system by developing MIS Bye yet these not connected with other fields of functional process of organization. Simultaneously there was innovation in specific hardware. Personal computers represent in 1970’s and spread all over the word by 1980’s. And here was time seeds are growing further by utilizing computers for maintaining functional database of each department such as marketing and accounting all these database transfer over the mainframe computers. In 1980’s network system spread overall and in the year 1990’s all sized organization owning computer system at their work business place. Networking service has provided boost to the process in a systematic way. Concept “www” and internet has change the interface of communication. In 21st century concept of MIS has working and supporting to other information system to develop. CAD-CAM developed which obtainable for computer assisted design and manufacturing product service in power pipeline, chemical, petrochemical and transportation etc.

Now with here MIS has started transmission of information and money worldwide and all functions handled by automated system. MIS was first large system of information phase. World wised standard use of computer technology handled by
professionals. Technology contains all software hardware communication infrastructures that work together for business processing. Today in modern business world has various models of communication Transactional Processing System, Executive Information System, Group Discussion Support System, Decision Support System, Management Information System, Process Control System and each one of it plays an important role of communication. The role of management information system is focused on effective decision making. Management levels take certain procedures to follow the processing work to achieve decision through its detailed reporting. Various recommendations proposed to the level crossing many challenges and restrictions of technological changes, economical changes and environmental changes.

Organization has certain level in management to function structural activity. Information systems mainly assist in three levels of management passing throughout the process of analysis and evaluation of specific level of management. Information systems not specifically use only to provide information but also designed to supply decision for repetitive state of problems. Information system collaborated gather and process, store and disseminate information in required department of organization. MIS use as best weapon for competitive advantage over the global market through the information technology and information system. Decision making is main impacted area where managers focused for everything that they work for organization benefits. So manager always need accurate relevant and fast information to improve their performance to obtain best possible decision.

On the other side of the business decision is the important element to run the business and information system is essence to achieve decisions. So this inter-relationship between information system and decision has contained various automated application and system integrated to function this structure. This system approach maintained the demand of information to supply at right location in fastest way of communication. Management knows the scope to improve the through information system available for knowledge and to understand target market target customer and organization environment. The information system designed to support management activity. Information for action and finally supply decision are the essential use of Management information system. Decision making is a complex process and various contact details with customer, competitor, colleagues, government officials and respective managers of client companies. Manager need to
use their own approach to use of certain information to the retrieved level of functional activity get done through the process. What to add in database and what kind of information need to avoid that manager must study and work over it. Maintain right kinds of database available to management for further activity. Many area of decision making are clear and take place in each level of management with the each level of characteristics. The framework includes and based on purpose to form it and its elements connect with information added in it. Management involves the planning controlling and organizing task at strategic level, tactical level and operational level of organization to solve the problem. In such a way decision making divided into management level based on structure of the organization. Decision making is an integral part of the functional organization which deals with productivity of certain goods or service in the global market. On each level of organization structure there are problem related with task of business transaction to come out with accurate result and decision with the exploring choices from various alternative studies through information system. After implementation of decision in the organization managers need to study result through the system and modify according to further requirement to be followed next time while use for decision making depending on situation. The strategic level of management decision making are long term decision in category of business organization. Managers and executive of strategic level are accountable and responsible to draw policy, strategies and decide organizational goal all are the concern related with strategic decision making. Approach is important because it’s completely depending on judgment and preference of human factor. In tactical level of management decision making professional has to self direct their team within organization for short term goals and medium rang plan, schedules and budget and policy procedures and transactional activity for sub department of organization. At the operational level management decisions are short term decisions and certain decision rules followed to develop short term objectives such as report of weekly production details. A manager makes two kind of decision that structure or programmed decision and unstructured non programmed decisions. In programmed decisions based on specific, advanced and explicit decision. Many programmed decisions are automated in nature. Non-programmed decision deals with non repetitive task and there will be no defined problem. It has no decision procedure to be followed it’s infrequent to justify the cost of preparing decision. Because the decision will not depends on specific procedure. It’s completely depends on the environment of particular situation.
of the business organization in the real time market. At the initial level of business setup broad concept of business at the time when vision of the business must be designed the information system. Managers must guide to the subordinates to drive the process to complete small part of the global vision of the organizational goal.

Management must take the responsibility of structural level of decisions related to the environment where transaction has to be complete. Information technology supply the timely information and adapting new technologies whenever need to update with its management. The effect of management information system is so important on the organization success that manager has to get involve in management information system for obtaining maximum utilization of information system. However many managers feel difficult to adopt such technological changes to make this easy task for them human resource department has to verify and update the database with useful guidelines and online program to use management information system with the new technology and application system. Hence there are the example of professionals who accepted new technology and adopted its usage with understanding, there are also few examples of manager who has to stop there career due to new technological changes in the environment. but great thing about this technology this minor consequences had covered up with maximum professional executives who has build many types of structure which created new designs of management information system and created many patterns of analytical tools. this team of many experts had experimented further use of information technology to developed new information system. These professional team has learn many new and advanced learning process of information technology and information system which further used as strategically implemented tools for incorporated and exploring view of the organization. Management must understand the role of information system and its inter-departmental connectivity within stakeholder around the world for commercial purpose as well as to add value to the business existence in society. Information is element of organization which utilizes the infrastructure as other element to elaborated specific output for the organization. All this system consisting with proper planning control and monitoring process in an automated based in it. And all these designed of infrastructure are focused on the target objectives.
CRITICALITY
Data are the raw facts, figures, object etc and information is outcome of proceed data which used to invent decision through processing on data into information and identify certain purpose or objective as decision to be complete for the organization transaction. Management Information system is broad structure for complex situation to solve. There are multiple effects in the area of selected criteria and illustrated concepts. Maximum subunits and category defined information system. Every effort are important in process to built effective information system for decision making application to improve day to day transaction related to manufacturing, production, supply chain management and finance management, marketing management and respective interdepartmental activity. Management information system has many designs which are inter-related with mixed activity of various task concerns in organization. Effective management system basically concern with value added in each steps to communicate with each other. And every phase of information transmission has certain rules which maintain it value to the service processing of information transmission. To transform data into information, processing require to consider certain steps before reaching any particular decision. In modern time we are surrounded with abundant of data but lacking for accurate and right information.

STRUCTURAL WORK FLOW OF MIS
MIS has source to provide effective information to make decision avail for particular steps of system. And supply of information for decision making variable by adding and creating database which has level of hierarchy of MIS i.e. knowledge wisdom information data. Data which is the lowest phase of information system and wisdom is the highest phase of management information system. Every level has increased value of certain build in structure for the organization information system to utilize for effective decision making. Importance placed on value of information of moving up hierarchy. In general concept of information is nothing but systematic patterns of particular data and has specific value to the management. Value of information is nothing but the information which creates and adds the value in the decision availability as it’s obtained on dependent information database.

MIS also study and evaluate economical decision with considering specific task to reach at particular decision. Investments in management information system always analyze return on investment by adding such expensive system database and
transactional flow for transmission of information within and outside of the organization. With managing treads and risk associates with such transmission of information flow managers has to considered and understand privacy concern of sensible database, based on it all the privacy and ethics involved in MIS activity to complete the organizational task.

Figure 1.5 Structural Work flow of MIS

MIS has various procedures (Figure 1.5) to complete steps like data collection, sorting, tabulating, and presentation of data in well design to create value for its content and use all these information for the operational and transactional as well as for structural growth of organization. Statistical forms of designing and operational value are the important element of these databases which has to maintain accurately so that its affect with positive effect in day to day task of the organization. Annual transactions are based on the value added in database and ultimately reflecting in reports for the management. Flow of MIS completely depends on the availability of database and integrity of maintaining these databases has added values to its system.

These platforms of right kind of information in to the organization are very important and quality information is the positive impact on further activity of business organization. Growing business enterprises has huge processing database and control
over to maintain the same, effective support system to plan organize and control the process integrated with it, these technological and informational right way user can possible only with right kind of management and right purpose of objective which decided by management which will provide right accurate and fast information source whenever its require to the employee to achieve the decision for the growth of the organization. Different kind of model are involved in such database to authenticate user to provide timely information access to run the decided and targeted positions in market for organization objectives to be complete, based on these model with specific policy and strategic view to the organization has come across to the certain decisions and to acquire perfect decision manager has to know the real value of right use of information which is available in database, filter if require to avoid unwanted and extra information which not require to share or it may has confidentiality concern such kind of analytical view and approach has to be used while using these application and information technology for the day to day task of the organization.

As per study both public and private limited companies has MIS which has based on computerized structure and managed by expert for configuration as per requirements of organization need in current market. Some are in process of up gradation for the new technological use and application implementation for easy access and sync with current market of the related product and service of the organization. And such information database managed by management team who has experience and authority to work and guide for further use of management information system to enrich the lives of employee and client and customers around the world by easy availability and require source of ethical and accurate database for their use. MIS maintained and managed by the expert at its planning and controlling to update and monitor on each levels of activity. Analysis will decide what kind of data to be added and available to the user which leads successive involvement in right direction to use MIS and achieve desired goal of the company.

Management information system formulates the result in the form of reports to management and management present the decision based to process further on strategic level to achieve the organization objective. The principles of management information system conceptualize on each level of management to establish fundamental decision to resolve the issue of organization control the risk factors through the predictive analysis of information system. Due to systematic strategy of MIS it generates the desirable reports to continue the production system and even
further activity which are needed in organization in its life cycle of growth. It is very important that information should reach in time to right user. Output of various reports synchronized with integrated data where reports are the details of each level of communication between functional departments to get things done. Strategic reports identify the long term objectives and organization goal. Operational phase reports reflects the daily activity and stakeholder communication in regards to business process, Tactical reports express the short term plan of the management to drive organization function. Management information system are managed through the integrated software which linked up with information system of different department with database of Meta data and user can extract the model arranged different function data in required form to retrieve the result for decision. Software such as enterprise resource planning software supports from manufacturing raw material to production of finished goods, packaging and branding database code and its decoding, fund raising database, purchase and sales database, invoice database, asset management database these integration through supply chain management system, customer relationship management system, SAP are the example of Management Information System.

MIS always supports to decision support system. Based on the information system decision support system are dependent on MIS for right and valid information to process for output. Decision support system’s fundamental base is management information system where data store and convert it in to information. With advance tools and application software developed collaborative system for organization. Due to data mining tool manager drill down database to extract productive information for organization which will give further solution for many problem to solve from business transition process. Such information system basically called well managed and professional team of research and innovative processing in competitive market. There are many dimensions of management information system which supports through the report based or automated graphical presentation, invoices, tables and numbers, text message which represent summarized presentation of needed functional information. It is logically developed framework for achieving the expected production or result through the process of manager performance to get things proceed towards goal of organization and improve the production from manufacturing process, improve the quality of product, improve the methods of processing on each level of management functional role and increases the growth ratio in to profit with customer satisfaction
evaluation through online feedback system. All this defined for what information system started and on what they have proceed and how they complete it with which element applied over factor of information system and finally from this entire process what result as output organization received that result will give answer about what kind of information system managed by managers and entire employee of organization to create value and more profitable throughout task. That management information system will create more value and process always with new performance and innovative structure to improve with advance technology to obtain maximum potential of organization resources.

MIS is always strong and productive flow of information system to understand the analysis customer likes and dislikes by the time change and also provide more advance through research and technology on product management can produce product which will surprisingly fulfill the need of customer as well as make them satisfied by providing quality of services. Decision making through the source of patterns of data and structural information with functional partition analyzed database. This gives clear ideas to managers about further steps to get decided task done through staff and approval from top management for significant change for organization growth. Depending on the knowledge, experience and authority administrative managers of each functional department utilized resources at the maximum production phase to achieve maximum profit through the process. Profit to the business is not always possible if strategy of information system are not managed and utilized in proper way, it make have loss or no profit no loss to the business out of entire processing of MIS. Positive or negative impact will give managers understanding to check whether which areas of information system need to correct with data and change in patterns of processing. Many different models of application supportive to the information system and communicate with integrated managers for predetermined period of production to marketing to sell the product. There are various shared model of different patterns together and collectively form processing system to analyze its correspondence value to reach specific decision. Implementation of decision will represent the various effects in relative terms of management and interactive association with necessary fields of database and records of information system. Based on management information system management structure and level of management collaboratively trying to find and process for particular task of
organization problem by evaluating many forms of information which is stored in MIS.

Management system divided into subsystem such as financial, personnel, operational, commercial and informational and all these subsystems are interdependent on each other for specific reason to accomplish the goal of decision to be extract and drive through the process of implementation. Information system supports other functional system. The reason of the information system development is to provide information system to the employee of the organization in right time and in adequate form to perceive the meaning to its existence. Information system is format set of data processing where many business operations run between automated system and human intellect to perform activity for business strategy. Even information system also plays an important role in to the business process transition. But it may not always positive for the organization. Hence management has to define the policy and specific rules for standard channel of communication and database access of specific information to individual. Transmit and process the ideas that supports to transformation process of information system. Business approach will decide the direction of information system and design of operation flow of information system. It is centralized place of organization where database not only managed but also developed on each layer of transaction with advance use of application software very rapidly. It is coordinated with many other form of communication technology and developed on the basis of specific process flow of management. Information system based on computerized system which is the combination of hardware and software where information system performance is the combination of organization goal, values and nature of group of individual and its social system whose belief reflects in the processing time of business transition. Role of information system is important in organization to reach at desired level of market share in global world. Series of information technology and system collectively defined the role of management as per their functional activity approved by to management. Database is vast for overall functions which covered the process of different activity of finance, operations, personnel and marketing. It also has rapid growth in the database about related transaction of business. Formulation of database and analysis of information enable companies to achieve the desirable target on each step of process which started with specific reason. Small defined rules and formulated reports to present to the management for further evaluation in decision making
process. All the formal and informal channel of communication flow is the additional source of information system. The essence of information system is to deliver the right information at right time to the right group of team. Managers groups always try to find the way for profit in minimum cost involvement and quality of time spend on the process and derived output. Most of the business information system related to the organizational transitions and research transition in market and customer change of preferences reflects in the management policy. Potential of all resources has to be identified and direct them on right direction with specific target in the organization. The entire business department periodically evaluate the performance of the employee and try to identify which area need to be improve and which area need to be analyzed with new technology will define the source of direction and further task of business process transitions which impact on the each element of the information system. All procedure needs to define in clear order and information must be relevant with the value so that management can focus on appropriate strategy of business entity.

Strategic management process is the form of decision processing power and delegation process within the specific area of management so that individual who is part of organization will decide the further form of communication and transmission which are part of this environmental connectivity. Strategy controls provide effective control on the use of component of information system. Each process form the level of sharing data within relative functional area and effective knowledge on precede outcome used by management always find the solution on related problem. Management strategy may develop the change of further opportunity in order to compare the scope of management and software application up gradation in the information system. Information must timely available. Everyone on organization network processing on different layer of information and update it as per formulate study, comparison analysis, markets requirement of trend. It is important to monitor each activity of processing team and compare the marginal cost of information. Management must aware what kind of information needs to functional department and what will be the right source to obtain it. Management information systems improve the processing application and reduce the cost of administrative excess load, it improve the performance of employee and construct the valid database of the organization. Employee job satisfactions are important to the employee and management try to find the way to maintain the healthy relationship and environment.
within group of people which are interacting for the business process transaction. MIS provide speed to the management work to complete.

MIS also helps to processing department to analyze the source of information for future progress. MIS tie up with whole process and the entire department within organization. It also support to the production system to understand the details of available inventory and how much production to continue with the business entity. It gives push up to human resources department to perform with needed information system. MIS develop the force of marketing with advance technology and centralized database. MIS gives the processing power to management to established rules and policy which form structure of management as practices followed by employee. And most importantly due to MIS decisions are easily available with analysis of data. Hence all organization in Thane district in competition to maintain most updates database and update the method of research and development to capture the market in international business transaction. Problem of management information system in Thane district are the factors such as lack of automation and literacy of advance expertise staff. Lack of communication process and less interest in the corporate goal by the employee then there will be no use of having strong strategy and fully developed MIS. The inadequate formulation design and lack of higher management support. In industrial region of Thane district information system maintain the value chain with the context and analysis. All activities are link together and support to the decision making process, each employee has given the set of role to complete the decided task with the help of information system.

All the primary function such as raw material database, employee data base, procurement process and manufacturing schedule of production period, vendor database and asset management system all these transactional operations criteria need to be maintained and managed with low level staff and team leaders who have authority to manage it and responsibility to control the same. Here important and critical factor of building ethical and value base structure to achieve future growth. Hence management information system needs to have control and monitoring power to verify the analyzed fact through report and alter configuration due to unethical practices in information system. And here management emerged value added chain in management information system at primary level. Now it not case where MIS role restrict till transactional process of operational level but it move on and linked further to executive support system where semi structural decision needed by middle level
management and this group to managers team get things done through the process of information system reflection of value through reports and power of management information system in ethical growth will build the space in market for organization as professional and corporate value in business environment. Such value chain activity guide the quality control check on entire processing system of information system. Such practices of information system entirely representation of the true and honest reason of organization existence in market through the professional behavior and formal communication with committed product and services to serve in the market and satisfy the customer and also achieve success through profitable sale of production output. This entire element matrix is representation of how MIS is playing important role in decision making.

The growth in the globalization development and up and downs of political social economical and technological environment has relative impact on organization life cycle but if organization has right study and research related these related area of environment will not more affect on profit of organization growth in fact such prior research helps manager to ready for further circumstance arriving in to the economy and manager can take the competitive and situational advantage out of the headwork of managing strong information database in particular way of information system. These new management also has to deal with new developed application based on that employee have to study the on the performance evaluation and also improve power of communication. New management aim to raise in the global market with the use of enterprise application hence all the resources which involve in to the use of management information system have to understand the reason to use it and way to handle it more efficiently for easy use technique to be follow in day to day activity and retrieve right kind of decision for the organization. Maintenance and monitoring is also developing the principle value approach of the manager which will decide future of the enterprise in global market. Transformation of data in to information and information into more valuable knowledge bank and these tested and applied knowledge database as wisdom of organization name to expand in global business world. It’s only possible through the use of effective management information system by the managers of the organization who has approach to work for organization. Communication has surrounded with many options but one has to decide right way to use of right kind of communication to whom must communicate for what purpose will save time money and managers can maintain right kind of database based on right
communication system for transmission of information to the stakeholders because it’s up to the human nature and everyone has different point of view to understand the phenomenon as per own experiences and knowledge but database has to be mold maintained and managed for the commercial use of the business transaction by keeping certain value and ethics for the society while developing its fundamental structure of the information system.

This management information system can be access by different people and communication will exchange ideas on various points of view on same point of business topic, information system need to have space to add certain modification as and when require to the business transaction. Technical Knowledge has vital information to effectively implementation of information source in the organization. And important decisions will change the future of the organization depending on the task maintained. So research has to be taken place to understand effective communication and behavior of human nature which affect in the organization activity and productivity. It has been found that effective database of information and technical skill improves the job satisfaction. Communication developed the skill performance between employees to maximum use of task. Examine employee performance and practices, communication process study, research related lacking area in employee growth issue in inter organization has to be study with market study strategy to explore the relationship between performance of the employee and communication area to improve. Communication combined many areas together for functioning in the organization. It is the mediator between human resource and technology to make optimum use and correlates the idea for the better performance of individual, it saves time and improves the quality of work by sharing information which require on priority and present in form of attraction to the consumer market. More and more ideas will be add and modify in the database depends on the access and authority to change edit or delete it. originate data and its log save in system and new things and changes will be added in the database with effective source of transmission. With the basic function of the management such as planning organizing staffing directing and controlling these performance and interaction will be developed and use for the effective information system for the organization and such interaction will process on raw data to make it strong information database for further use of business transaction based on the market research and internal study managers can develop such information system which can give everything related information for
the success in profitability and organization name in the market. Employee performance plays an important role in organizational duties. Selected employee performs the day to day task and reported to the mangers for further verification and authentication to complete the transactional activity. Based on roles and responsibility provided and delegated to respective mangers with limited duration period these entire task has to be provide objective oriented and such result has to be appreciate within all respective department employees to motivate their performance for the effective use of information system and provided right kind of decision to complete the business process transactions.

Every roles come up with certain responsibility to employee at the specific action plan to express the way they use technological platform access the information system and communicate within organization and handle the stakeholders of organization all these capability will express how that particular employee will be future manager director or CIO of the organization to grow organization expansion in the life time of its growth and productivity. All these log will get recorded with research purpose and even for the repetitive action plan when require. Objective of MIS to provide decision but it's up to the individual to extract best possible output through the proper way of use and analytical power one can use to identify and develop their own approach make MIS more healthy and powerful tool to stand in global market. Perspective of human resource management must be fair and equal with all employee of the organization and performance of the employee. Management forms their business plans and policies in such a manner that employee perform their task and assign and in linked with important part of information system to create effective database as well as improve their own performance to achieve individual growth as well as organizational growth too. Communication system rapidly added in transmission of information system which plays an essential role in business processing unite and in subunits of the organization. Communication enhances the exchange between the employees and managers where employee performance successfully deployed in the area of each structure of information system to improve the relationship and trustworthiness among the employee and stakeholder of the organization for further future communication. Such kind of bonding within commercial worlds creates strong leadership and control over the market to achieve customer gains. As MIS is integrated software due to which whole process of communication are directly or indirectly connected to the functional department and
these departments are the role model to each other depending on their performance of team leader and managers. MIS also represent the performance of each employee through the various types of dashboard or in performance appraisal report. Employee productivity chart will give clear indication of level of capacity and calculation of real potential from the existing employee chart. With the graph of this performance employee details will improve future performance in department due to competition to achieve target of best employee award or reward through the quality of work. Employee MIS is all the details of each employee who joined when, education qualification, biological details, designation from the joining till current position, productivity graph of each employee all such and many more related every individual of the organization.

In modern technology there are many tools available scale of performance and to improve the potential capacity for quality of work. Due to MIS duties and responsibilities are aligned in system for each employee as per their designation. Immediate action takes through the sources for the data processing and information transmission based on the way employee awareness about what kind of data use when and in which form of presentation. Management need to define clear understanding about business objective to the employee so employee will use communication medium and transform the assigned work into final report to the manager. Technological development and increasing use of information covers all the activities of the business. In today’s world stay highly productive and become number seller is challenging task to any organization and communication flow will prove who is best seller through their team work and effective use of management information system. All factors men, machine, methods, market, and money material managed through management information system. And most importantly employee should feel secure and their skill and knowledge fully utilized for the organization growth it’s improve the productivity of the organization. Smooth flow of communication and information within organization is important interaction to improve business transaction. Everyone understands and interrupts same kind of data present and adds in different forms but it’s the information system which made them unique in their performance due to fundamental structure. Systems also reduce redundancy in database and save maximum time of user by giving automated supportive tools to combined information as per requirements. Interface in communication or disorder of management hierarchy will lead to certain problem of mismanagement of authority and funds and resources
lacking of leadership skill, less income level and low quality infrastructure. These issues will solve by controlling and managing management information system and controlling its level of communication.

Automation in management information system has other side of duties and responsibilities towards information system management. IT Managers loaded with certain area of responsibilities to cover it by managing trained and expert skill staff at the service of management. Chief information manager has to be more objects oriented and result orient through their performance and they must determined technology for the process of decision making and action taking technology for the organization without any kinds of interference within management system. Necessary planning and goal has to cover through its supervision and control over technology and network services and information system application. Security manager has additional responsibility over the network and has to clear certain policies to user of his system; integrity, confidentiality, availability these basic policy helps to keep system more safe and secure over the network. Employee awareness is important in everything mainly to manage this system. MIS at a time involvement of various type of information system and collectively form solution for the business activity. To solve the problem related staff recruitment manager needs database of human resource database with quality details within decided time to get them involved in the project of organization. It is necessary to know the employees are the asset of the organization and quality employee are the core importance in any project of organization. In case of production concern management information system provides the details about the factory locations, inventory available, and manpower needed time and cost management and raw material availability all these details are information system provide to solve the issue of productivity issue of Organization.

Financial information system helps to solve the issue of fund needed to start organization in each phase of business process, the amount of capital acquire through market funds contribution through market share all these database available to decide financial concern of the business organization. Proper fund management and adequate budget policy, fund flow management and many other day to day expenses track sheet in system database helps to evaluate the monthly, quarterly and yearly expenses of the organization, it is helpful to management to control the financial management and smooth flow of fund in the organization. Product management is core area of any firm without proper management of Product Company can’t survive in the market.
Company which involve in the manufacturing product in factory they need to be very proper quality control over the monitoring activity through the entire process of manufacturing product. Management has to decide the product design and structure of product. Whatever decided to built as company product has to define the manufacturing cost and also selling price for the product to define company profit out of sales activity. Product is the important element of the organization and managers can’t ignore these in any case and without the quality of this product there is no business in profitability so management has to be productive with right product design, product focus and pricing policy depending on the market demand. With adequate knowledge of pricing strategy product sell will achieve the profit out of sale. Management information system also support in branding and promotions of market strategy. Marketing information system is the important information to decide market segmentation and market discrimination. Marketing information system has many tools to support for market analysis and identify new techniques to judge for marketing policy to achieve maximum profit out of transaction process of information flow within organization. Product promotion and branding based on the marketing database can easily identify the demand for the product in the market so managers can draw the best policy through Marketing information system to decide method of promotion for the product and tools to select branding process to promote advertisement of product launching in market, all such decision can be decide and evaluate through the MIS which give clear indication about the result which ratio of profit through entire process of information system. In case and Management information system has many terminologies MIS, Information system, enterprise resource planning, information technology management.

Operation task of the company combined with technical skill and collaboration of management functional activity for the framework of management information system. Management information system has various level of scheduled task based on which productivity and consumption profitability and investment everything can judge prejudge and evaluated as per produce report which can be regular or scheduled or monthly and yearly summarized form of information clear many doubts and help to draw new strategy for organization growth. Transactional processing system semi-structured system or decision support system is computer application used by level of management to solve the problem with wide use of information system management. Management information system is integrated system for all departments in order to
gain the competitive advantage in global market and support employee with accurate effective and valuable information to complete day to day activity and also to achieve long term objectives of the organization by taking right decision. MIS not only support in information’s to manager but also provide structural procedure to complete the managerial activity in minimum amount funds and time period which reduce the cost of management on each employee and maximum use of information system develop the scope of research and development process of innovation in organization which is ultimately give excellence level to each further process of organization and this factual level of communication between organization for quality production and entire process flow to complete will add the value in the organization. Value chain is very essential element in the Management Information System to drive the source of production through quality product to consumer in time and provide after sale service and collect the feedback from different sources and monitor customer feedback to evaluate and improve the quality of services and modification of product design as per the consumer preferences and change which is necessary to do as remain the demand for the product.

Management evaluate each task through the result from the report of information system and data which added in the database is the important to understand the need of employee’s requirement, employee need to understand the process requirement, process further need the data for analysis to improve the functional activity of organization by top managers and decision withdrawn from these entire process will reflect through the result from desirable reporting processing system, scheduled report, monthly report, quarterly report, yearly report and reports which are needed for the processing further task in the organization can change and improve the profitability of organization and improve the performance of each department and the departmental activity graph leads to change in procedure of management for further task to add. Managers realized to change the strategy in require functional department in respect to find growth in the next report. It is very necessary to use information in right direction and divert human resource to that direction to achieve the organization growth that is the important task of manager. Any information found on network managers has to view different dimensional ways to obtained maximum profit in current scenario as well as in future of organization life cycle. It is completely concern of the managers to overview Management information system to decide all structural activity assigned to them. Top management
decisions are always the unstructured decision based on the market scale observation and reports which are presented by management as procedural activity handling in the organization helps top managers and proprietors to decide certain decision such as new product launch in the market, business expansion through the new branch of business in new location and quality of value creates in employee for the organization such things and many other procedural change can apply through the top management. Information are available in wide rang but which is important and use in which format makes difference in the concept of winning the battle competition in the market.

Top management also aware that only finance can’t lead the organization on the number one scale in the other companies of the market. It is very important that organization management and their strong base called information system need to be active continuously for improvement within organization structure. And quality information can be possible due to quality human resource available in the organization in terms of qualification, experience, skill, technical awareness and literacy and most importantly ethical values to work for organization vision and serve to the society in this term if they run the function of organization then organization will surely lead the on top of the global company with their product and services. Hence Thane district companies are mixed in number of high investment and low investment criteria but company growth does not depended on the fund they invest. Their success graph completely depends on the Information system they are managing for the organization growth that evaluate and represent through the profitability or loss of the organization. Technology use in accurate way and information for the purposive way will define the right process of the business transition. Top management monitors and controls invisible look on every phase of each department and analyze reports in their own term of interest to turn the organization status in the market at more and more higher level. They always try to study and evaluate the reports and people in such dimensions where potential resources use in future for rapid growth in new projects of business transaction. In this way Management again prove its existence is important for decision making process from lower level management to top level management. All this process of evolution is depended on the management information system. And provide support to simplify the complex problem of functional department. Level of processing to build management information system has defined through the various necessary transactions in pyramid
model which classify information system and management level for decision making process change on each level of communication within organization. Depending on the classification of responsibilities are divided within functional department of organization.

The pyramid of hierarchical structure of information system and management collaboratively work for organization growth. Management information system plays a valuable process for decision support system, because without data, system cannot function. And fundamental significant of information system is their collected data through research and development process by using various techniques like interview, survey and suffering on websites for global study. Such combination of primary and secondary source of data further process for information system from various levels of procedural steps on it such as collection of data, storing of data, tabulation and formulation of data, disseminate proceed data in to categorized as per functional activities in organization. The different patterns of information model which developed with software application tools to analyze and evaluate the processing on information system. Data is that raw product out of which information will produce through the proper way of its use. In this way in any organization if there is no information system there will be no power to control the market and management not even has capacity to control the organization itself.

As flow of information is important in organization to continue the processing structure within group of people and evaluate it further in functional department. Information systems hold the command through computerized automation. The information system carried out series of data transformation into appropriate database system. Database software that produces the report and mathematical simulation elaborates the facts and figures of firm operation. Managers are using extracted report for transactional and operational activity of business process aspects. Business process transaction also involve in environmental bond of dependent elements. Management information system is the strategic process of organization. Depends on MIS, management plan further business control process in the organization. Such as duration to complete particular task and funds need to process particular activity of functional department. MIS needs good planning and data processing for proper decision making support system to managers so that they can rely on the quality of information and reports extracted through the MIS. MIS always depend on the context of information and content to support the implementation elements through proper
information. Quality maintained through MIS in regards to it’s the system with value added on ethical level of communication and maintained same practices of principle will lead the organization in global market to achieve competitive advantage. Information available through MIS is in various modes such as on demand, daily, periodic on repetitive mode or on frequent mode of monitoring log reports. Having vast data or information will not give result of success in the organization but the data which is accurate and provide the quality information and made iota viable on time to right user will give profit to the organization. Management can rely on such kind of information system, further this information system modify and control for security purpose of data privacy and maintain the process of authentication in system database.

MIS which is open to all employee to retrieve information as and when require to process but it configure in such way that only authentic user can access the information and management has full control about data access on the network by each employee. Its process managing task of information security department to assigned access rights of viewing folder or files on database or particular user can modify it delete it or edit it, such kind of attributes approval provided by the line manager of that particular employee within organization and based on this information security team assign the rights to use. This responsible team will always keep look and monitoring on the log reports and control on the defined process to be followed by each employee with rules and policy. Reporting manager will evaluate the log report to understand the potential to use the information system database and to work on it for fruitful output within the time period spends on the system. This log report can also describe the performance of employee and evaluate the real graph which can implement in future for improvement from employee for the performance. Many organizations in the Thane district have enterprise resource planning system to manage the entire processing system under one roof of application software for information flow within organization. Enterprise resource planning and SAP are managing all functional departments logically distinct in different location and for different information and documentation of physical functional activity in database. So that all right user get access on right time to process on information to complete the flow of business process transition within organization and client of different organization. all the process of ask for raw material demand and supply the final product to the customer also collection from debtors or payment processing to
Managers can manage all work only criteria to be followed by fundamental team to develop the strong information system which can give complete scenario with multi dimensional view due to the advance application software and many reporting tools which helps for analysis and evaluation process. MIS is now become the backbone of the organization with the support of it decision making process will leads private and public limited organization on top of the world to compete with global market. Even a small size company can become the higher profitable organization only because of adoption of advanced and accurate management information system which managed by managers who has good sense of use information for business intelligence level to achieve the profit. Not only profit but also good reputation to the organization through the right kind of practices and principle based on ethics and value toward their services to customer and other stakeholder of the organization.

The future of MIS has wide scope for further expansion of e-businesses process. It interacted with many other options and elements of worldwide communication to grow the business. Integration of all area of has connected all functional departments with entire communication and information system. Information system will always needful element of decision making for all organization even in future existing or even for emerging organization. And management plays an important role of processing monitoring evaluating entire process of IS. Hence MIS is important in decision making process of organization for its existence and even for further growth. The growing use and its advancement in processing of MIS give additional power to move forward to emerge of digital firm which all functions are managed monitoe through e-prises. E- Enterprises where enterprises all transaction managed through electronic transaction and communication between buyer and seller. In twenty first century will be known as e-century in future as in this phase in which wide use of electronic transaction emerged and run ethically. Customer accepted and adopted this new way of business process as it made life easy and fast and even entrepreneur understand the concept of online market over the network by keeping the same kind of relationship with customer by gaining faith of customer and generate brand loyalty through quality of product and services delivery on time. So like physical transaction of buying and selling these e-transaction done with the only in few clicks that too with quick reply from customer about the feedback. These transactions are all online from
selection of product by consumer and delivery of goods at dispatching location to customer, these e-commerce has improve the standard of living of human being and preference to select needed product or services through this digital world. In case any faulty product supplied by company to consumer. Consumer can easily contact to customer support desk with all the purchase details and returned the faulty product and asking for refund or else can get other replacement with new product of same description whichever is applicable as per company terms and policy. It’s all business activity and operations deal through networking over internet, web and WAN. And these concept need to use the Information technology and internet connectivity to form the web access to transact with customer, partner and suppliers. Its attractive concept of dealing business process transaction even in critical area on simple few clicks on real time basis, it’s even safe and accurate more than traditional way of business. It automated system of communication and transaction of goods and services accessing online and decision maker has multiple choices for selection. Few more process involve here before it reaches at final decision i.e. capturing, Assessing, Analyzing, Inferring, Selecting, Decision making and ordering.

These are the steps in process of e-enterprise commercial transaction over the internet. It has rapid growth in this century and future it will become the regular practice everywhere due to advancement in digital awareness and easy use of internet improve the number of user on internet and ultimately diverted for e-commerce activity over the network, it is easy interface to market the product through online advertisement and promotion online throughout the world on single click. And even with the support of many advance software application for specific use in organization for functional activity. CRM- Customer relationship management, SCM- Supply chain management, ERP- Enterprise Resource planning are integrated software application utilized in collection of data, collaboration, communication, storage information for further analysis through data mining for information to drill at the level of organization growth. This kind of digitalized software help in capturing information, validate for further use of it, store in the relative database, and generate the report and process for new transaction for organization with inter department transactions. Digital firm has different database storage content as per the functional department. Hence organization will always ready with due to system automation and
computation strategy of information system. It is the responsibility to drive the process for effective decision making through entire business transaction.

Knowledge management system, content management systems are useful to drive for decision making and it contribute additional profit through the strategic data management. Digital economy if developed mainly due to digital firm and consumer interest to adopt this new technological use with information system. Traditionally there was element of business organizations are People, process, papers, now it has been change with one important element and paper replaced it with technology. Due to technical infrastructure people are faster in their performance to process for organization tasks. Throughout the joinery in technology slowly growing and emerging in the Digital firm and growing rapidly. MIS build the relationship with the customer, employee, supplier needed information, reports, images, drawings, text, bills to verify or for further exchange of data in functional department to take decision for processing. It is more accurate, standard and effective way to process further for organization profit and also for creating value added services. E-enterprising policy has mainly focus on business strategy, key business measures; critical success factor, key result area and monitoring key performance are completely coordinated based on the management information system for decision making.

Figure 1.6 Functioning of Information System

Information system main aim is to support for information and provide flexibility for organization task to complete smoothly and collaboratively. It’s main purpose to solve the problem with hidden values in database in the form of information. This information system (Figure 1.6) is fundamental tool of e-business forum. These entire technological infrastructures, organizational strategies, management levels and process perform in their level of communication and transform data and information covert for constructive use to apply in real time business scenario and after implementation evaluate the result.

This new fastest growing digital e-business processing with base of MIS will optimize the maximum result in near future even with more new innovative technological use and advance application software in online commercial era. This twenty first century has century of information which spread through the technological and communication pathway over internet. This give support to many new business which will going to enter in to the market even with more new ideas and its method of implementation and make to customer more happy and satisfy through their quality of product and services.

1.2 STATEMENT OF PROBLEM

Information is wide concept and information system always reflect the important and valuable sensitive information to their respective employee so that managers and all other subordinates can take the require action and based on information system take decision for further planning activity for long term as well as short term goal. Role of management information system in decision making has specific involvement in business transaction process, operational process and analytical process. And study found certain problems which are as follows:

- Is really need of management information system in the organization?
- Do MIS helps for decision making in an organization?
- Could there any scope of expansion of MIS in organization?

Desirable outcome is the result of particular input in database system. Certain predictive information helps to analyze particular situation of business processing unit. Such analysis helps to define problem and avoid problem in advance. MIS helps to reduce the risk and control the threads. Other factor like political natural and
commercial situation influence the flow of work of the organization but due to management information system planning and controlling give the prejudgment on occurrence event in advance by evaluating fluctuations and changes in report of market research and consumer consumption and financial activity in the market. Such information reflects its change in formulation of production plan and examining other related department and functional activity of the organization. Framework of MIS is completely based in different forms and design as per size nature and capacity of the organization structure.sue to stimulation patterns, anticipated tools give idea about situation in future commercial market based on that management will ready to face and achieve decided profit for the organization. Expected and unexpected change in business both can manage by manager if they have strong information management system to decide what will be the nest plan to implement, Such analytical skill improve the growth strategy of management in the organization.

To reach at the level of decision making management information system has to crossed many processing system through communication in various inter-department and other stakeholders of the transactional processing team where management and other employee reach at the certain decision based on all these process effect of information system. Based on evaluations prediction criteria mangers draw certain task to be followed by team member to achieve organization growth and that outcome decision through management information system to the organization. Right way of data transmission and communication process will provide right and effective decision to management will give scope of expansion to the business. But these entire questions will be always there as the part of research problem statement because productivity of the organizational management information system completely based on understanding and approach of the managers leadership and optimum use of information system and new technological infrastructure. Capacity to use MIS at maximum level will completely depend on its human resource knowledge and professional skill of technological view to analyze the situation approach. Management information system adds value to the services by providing certain stimulation model and technique to evaluate formula and graphical presentation. This help manager to reach at decision for better productivity in business management process and certain level of structure to be implementing in the business to reach at predicted goal. Higher risk can be easily evaluated with complex information analysis through the information database so management information system helps tin
decision making and gives way for further expansion of the business process activity. Hence Management information system always need to the organization for the success in global world for their product and services. MIS always plays an important role in decision making only management has to keep control on right values to be added in input system and maintain processing system up to date then without any obstacles output of the system will be right kind of information which make profitable to the organization in enterprise world.

1.3 RESEARCH OBJECTIVE
Research objectives are the factor which encourages initiating the study of research related to the management information system and its need in decision making to the organization. It mainly analyzes and measure the role of management information system which provides quality of decision based on concept of below objective or reason of studies:

- To identify elements of MIS process in decision making.
- To determine MIS applications are support to corporate goal.
- To determine MIS process of internal control are ethical and generous.
- To evaluate IS of MIS need expert and skillful managers to its service.

1.4 SCOPE OF RESEARCH WORK
Management information system is wide concept in itself with the various process technique and models determined the desired goal for the organization. It covers the modern dimension for further study of management information system and new fundamentals value in decision making will create more quality output to the result in overall area of the business process units and its subunits. Study has important impact over the business process unit to know the overall structure of the organization and its fundamental requirement to the enterprise transitions to understand and evaluate with the help of unified communication technology and information system by the management of particular organizations. Study expands important to the Management Information Systems impacted on the quality of decision supply to the organization of the thane district from the following factors:

- Research work focused the concept of using management information system for the stability in global and domestic market with the help of information...
system. Adopt the new unified communication technology and exploring opportunities also enter to take the competitive advantage and become more innovative in ideas to the commercial world. Study explained overall process of management information system and its framework implementation in business process, by using advanced management methods, knowledge and techniques to solve the critical problematic situations and improve the productivity and services of the organization.

- Research study maintain its importance by explaining how business process unit adopt the new modern technology and coming out of the traditional pattern of work to improve the performance of the individual to solve particular business problem and change methodology with the understanding and learning new e-enterprise skill.

- Research Study guide to understand that more than financial criteria there are many other factors which are important to understand the contribution into the performance and productivity of the organization to grow in to the entire processing methods of employee as well as the stakeholder awareness to optimum utilization of the MIS to improve the quality decision.

- Research Studies also contribute and enrich the literature of Management Information System within organization for quality decision making process. Researcher and practitioners will understand the overall concept of MIS and its role in decision making process and will focus for further study with new topics related to this conceptual work. Information system plays an key area role in its database and automated system will give further scope to study and innovate more on online business transition over the network and how database will be more secure and safe over the network will further increases the growth in the automated communication system. All its impacted on the style of buying and selling activity of commercial business as well as in other phase of life style of human being. Still with all this new changes and growth Information system has its importance in decision making process of organization .and IS will require to fulfill further need of information to the organization from various sources with expert skill and professional evaluation process.
1.5 GEOGRAPHICAL PROFILE OF AREA OF STUDY

Geographical area and characteristics:
Thane has the strong industrial phase due to its geographical area it’s third most industrialized district in the state. Belapur Kalyan industrial phase is the attraction of classy industries location. This district divided into three district part. First location is under the impact of the Mumbai; such areas are somehow metropolis area or suburban to metropolis including Thane, Kalyan and Ulhasnagar taluka in this area recent industries forms with new developments. Second region well known as industrial develop location of Palghar, Dahanu, Bhiwandi and Vasai. The Third location added the remaining area of district which covers predictable villages industries, traditional industries, and dealing with agriculture base primary industries. Thane is northern district of Konkan, and bordering to the Arabian Sea in the north-west of state of Maharashtra. And spread between 18°42' and 20°20' north latitude and 72°45' and 73°48' east longitude. Also adjoin the Union territories of Dadra, Nagar Haveli and Gujarat state. District Nashik and Ahmednagar to its east. Pune to south east, Raigad to south and Mumbai to the south west. Total geographical district area 9558Sq.KMS means 3.11% of entire Maharashtra State. Administrative region includes 15 tehsil which are Thane, Palghar, Dahanu, Talasari, Jawahar, Mokhada, Bhiwandi, Wada, Shahpur, Murbad, Kalyan, Ulhasnagar, Ambernath, Vasai and Vikramgad. At the different administrative level such as District, Tehsil, Rural, Block and Urban level responsible designator collector, administrative chief, Chief Executive Officer of Zilla Parishad, block development officer and municipal councils respectively for development work of Thane district. Below mentioned table has explained brief details of existing status of industrial area in the Thane district. Where industries expanded through the real strengthen of information system which are target oriented and believe on the continuous process of decision making for various goods production and process further on predetermined activity which real existence of Thane industries.

With the avail database of Micro and Medium enterprises Development institute have represent the status of industrial area of Thane District. Thane district are the region strength of resource availability and supportive chain of transportation and communication medium are the additional benefits which made Thane district more powerful city in terms of industrial growth of Public and private Limited company. Many organizations have strong management system inbuilt within
organization structures which are the reason of business growth in competitive market. Any small enterprise can have chance to become super control organization in minimum time period if they can control over their processing structure of management information system. Because its management information system which added the data from research and development through the primary sources as well as secondary sources of data collection and experienced and analyst process on data to form in such pattern of information so that employee can use for further processing for the business solution with the extraction of suitable decision. All these information system are the fundamental reason of competitive success of organization. With whole utilization of available resources such land acquired for industrial phase and developed with the use of infrastructure and technology to established its market value through the adequate and proper use of the resources possible due to managed and controlled management information system in the region (Table 1.1) of Tarapur, Thane, Ambarnath, Bhiwandi, Kalyan, Murbad, Vasai, Virar, Dombivli and many other phase of Thane district occupied with private and public limited organization.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of Industrial phase</th>
<th>Land acquired (in hec.)</th>
<th>Land developed (in hec.)</th>
<th>Established Rate Per Sqm (In Rs.)</th>
<th>Number of allotted plots</th>
<th>Number of vacant plots</th>
<th>Number of units in production</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Thane</td>
<td>252.36</td>
<td>252.36</td>
<td>1357 0/-</td>
<td>827</td>
<td>737</td>
<td>90</td>
</tr>
<tr>
<td>2</td>
<td>Tarapur</td>
<td>1028.54</td>
<td>1028.54</td>
<td>2355/-</td>
<td>71588</td>
<td>70109</td>
<td>1479</td>
</tr>
<tr>
<td>3</td>
<td>Dombivali</td>
<td>7.27</td>
<td>357.27</td>
<td>1018 0/-</td>
<td>21468</td>
<td>19915</td>
<td>1553</td>
</tr>
<tr>
<td>4</td>
<td>Miraroad</td>
<td>7.82</td>
<td>7.82</td>
<td>6650/-</td>
<td>4647</td>
<td>4647</td>
<td>0</td>
</tr>
<tr>
<td>No</td>
<td>Location</td>
<td>Area</td>
<td>Population</td>
<td>Land Use</td>
<td>Employment Source</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----</td>
<td>-----------------------------------</td>
<td>--------</td>
<td>------------</td>
<td>----------</td>
<td>-------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Ambernath (Ambernath Bedlapur Rd)</td>
<td>228.49</td>
<td>228.49</td>
<td>2660</td>
<td>291</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Addl. Ambernath Anand nagar</td>
<td>507.47</td>
<td>504.47</td>
<td>2695/</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Addl. Ambernath Village Pale &amp; Bohonoli</td>
<td>506.64</td>
<td>503.22</td>
<td>2660/</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Badlapur</td>
<td>101.1</td>
<td>99.8</td>
<td>2660/</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Kalyan Bhiwandi (Bhiwandi)</td>
<td>48.16</td>
<td>48.16</td>
<td>1995/</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Addl. Kalyan Bhiwandi (Biwandi)</td>
<td>4.27</td>
<td>44.27</td>
<td>1995/</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Murbad</td>
<td>130.71</td>
<td>130.71</td>
<td>935/-</td>
<td>217</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Addl. Murbad (Khudavali)</td>
<td>138.85</td>
<td>134.86</td>
<td>935/-</td>
<td>303</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>T.T.C.</td>
<td>2333.27</td>
<td>2333.27</td>
<td>1596</td>
<td>3693</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>5,644.95</td>
<td>5,673.24</td>
<td>104.29</td>
<td>10105</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Table 1.1 Existing status of Industrial area in the District Thane.

*Source: industrial profile of thane district, MSME, Government of India.

**Prospective for upcoming Industries:**

Thane district connected with mode of road transport through many other place where these industry can supply they require product and services and also generate the employment source due to availability of good resources and transportation gives...
additional plus point to this phase to grow in industries and multinational companies, literate, techno experts, automobile and software I.T. engineers and skilled human resource availability lead Thane on growing phase at communication facilities and most importantly demand for certain goods and services in market around this region and even into the global market.

Geographically secondary and supplementary product and service industries are part of these phase also industry which depend on resources are easy to survive as Thane district is prosperous resources to supply which need to these industry and due to advancement in technology and available human force to achieve national economic growth and fulfill the demand of the organization entire as demand industry in the geographical section in Thane district it further explained with subtypes of these industries:

- **Ancillary Industry**
  - Cost iron pulley
  - Steel metal fabrication
  - Precision turned parts
  - PVC Tubes
  - Bakelite molding
  - Spares for voltage equipment.
  - Spray painting
  - Die casted parts
  - Sheet metal press parts
  - Tube fuel injection pump
  - Nozzle assembling
  - Air and exhaust valve
  - Spare parts of Bicycles and of other vehicles
  - Components of injection molding and blow molding machine
  - Capacitors
  - Rectifiers
  - Volume control
  - Earphone socket
  - Rubber gasket
  - Drugs intermediates
- Rubber mold components
- Transformers
- Resistors
- Circuit panel
- Sodium Bisulphate
- Laboratory Chemicals

- Resource based Industry
  - Agro based industries
    - Food grain Mill
    - Food gain processing
    - Potato/Banana Wafers
    - Tamarind Powder
    - Mechanical dehydration plant for fish, vegetable, fruits & nuts
    - Fish feed by extrusion
    - Ice manufacturing
    - Salt iodization
    - Oil from spices
    - Cold storage
  - Forest based industries
    - Paper gasket from bamboo pulp
    - Non edible fatty oil from various seeds
    - Saw mills
    - Wooden toys and sport goods
    - Packing cases
    - Wooden doors and furniture
    - Handmade paper
    - Honey collection, Purification and bottling
    - Straw board
  - Minerals Based industry
    - Brick manufacturing
    - Mangalore tiles
    - Sewerage pipes
    - Stone quarrying and dressing
• Demand based industry
  ▪ Power looms
  ▪ Hosiery Knitting
  ▪ Processing of meat
  ▪ Hatcherries
  ▪ Textile Auxiliaries
  ▪ Computer Hardware
  ▪ Data processing
  ▪ Steel furniture
  ▪ Information Technology
  ▪ Out sourcing Industry

**Industrial status of Thane district**

Thane is third industrialist district in state. According to the census of 2011 district thane’s population is 11,060,148. there are 1548 large and medium scale and 18,480 small scales industries. Main productions of industries are engineering, electronic, Pharmaceuticals, Fertilizers, Chemicals, Textiles, Adhesives, Plastics Rubber, Iron and Steel, Drugs. Ulhasnagar, Ambarnath, Bhiwandi, Badlapur, Tarapur, Palghar Murbad and Vasai here 4000 industries available and Thane Belapur Kalyan is the main modern industries setup. Computing accounting processing machinery manufacturing industries are the biggest group includes in this area, Manufacturing of chemicals machinery are the main function of these industries. In industrial area industries are mainly focused in Trans-Thane creek and Belapur. The medium and large industries manufacturing chemical or outsourcing modern business processing units set which has mainly functions for production or the service provider to some other organization.

Chemical industries found in Wagle Industrial Estate. Pokharan road, Dombivli and Ambarnath. Power looms industries based mainly in Kalyan, Bhiwandi, Thane. Bhiwandi is famous for its handlooms. Now due to advancement and market requirement handlooms replaced by power looms. Fisheries represented a vital industry in Thane district. It is carried out in sea and western coast.75% employment generates through fishing industry. Fishing carried through coastal over 110km. the crucial section of fishing in Thane district are Pokharan-Uchheli, Nawapur, Muabe, Datiware, Dahanu, Arnala, Vasai and Uran. Preserving canning, processing on fish,
preserving vegetables and fruits. Food grain processing industry such as grain mill products, Bakery products, Chocolates sugar salt ice preparation and preservation industries. Raptakos, Brett and Co. Pfizer ltd. Cadbury ltd. modified milk product large and medium scale industries available in this district. Plywood, wooden boxes cane baskets bobbins industrial fixtures are also manufactured in the Thane district.

Tarapur Atomic Power Station situated in this district where nuclear energy for electricity generates. Various public and private sector bank and financial institutions are in this district. Bank of Maharashtra is leading public sector bank having 60 branches (2000 CE). Though in this district no major mineral or mining however mining activities are restricted in place which are near to urban area of Thane Bhiwandi and kalian Tehsil. Reddish clay which used for bricks tiles and cheap red glazed wares, this clay found near Gokhivara in Vasai Tehsil. Major items which are exportable i.e. Readymade garment, Machine tools Paint and Varnish machine electronics food and bakery products, IT and software applications. Below is the details list (Table 1.2) of units in Thane and nearby area 442 in numbers of enterprises under the category of large scale projects of manufacturing production commenced. Total of micro, small and medium companies of manufacturing process are 15368 in numbers. Total service industry are 1594 which 940 micro, 629 small and 25 medium scale service business organization respectively.

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Category</th>
<th>Cumulative since inception up to the end of reporting month JULY-2012</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of enterprises</td>
<td>Employment generation</td>
</tr>
<tr>
<td></td>
<td>Mfg.</td>
<td>Service</td>
</tr>
<tr>
<td>1</td>
<td>Micr</td>
<td>945</td>
</tr>
<tr>
<td></td>
<td>o</td>
<td>94</td>
</tr>
<tr>
<td>2</td>
<td>Small</td>
<td>582</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>Medi</td>
<td>91</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25</td>
</tr>
</tbody>
</table>
Table 1.2 Industrial status of Thane

*Source: Industrial profile of Thane MSME, Government of India.

Research conducted in selected organization of Thane district where 500 questionnaires were distributed into 50 organizations. 10 questionnaires to 10 managers in respective organization, to evaluate the role of management information system in decision making in respective functional area of the organization depending upon the nature of business carried out. List of 50 organizations has been attached in Appendix B. 25 Private limited and 25 public limited organizations from which feedback collected through 500 respondents. Out of which 490 were returned and from that 480 was found valid for research study to continue. It represents 96% which is reliable to continue with study. There is various type of industry in Thane district which are based on agricultural activity. Many industries are based on the textile, wooden material, and paper product. Following list of type of industries will give details about the enterprise units in Thane district of various products based which involve how much investment of funds in it and generated source of employment with its existence number of units in Thane district. Depending on the type of industry information systems build their database structure due to available natural resources.
in Thane district it is an advantage to positively move further to form organization and invest fund to generate the profit and provide goods and services to customer this process of commercialization expand large amount of employment source to regional people as well as have scope of career opportunities to many new commerce.

Management information system manages the necessary database of respective raw material such as wooden, cotton, agriculture product, lather, rubber and woolen material for manufacturing in to the factory. For this process of manufacturing now in modern time there are different automated systems which give production facility fully automatic or semi automatic which will supply the finished goods in the market for sell and organization can earn profit. Automated system can give report of used raw material, balanced raw material and needed raw material in future for the next slot. These inventory systems are computerized evaluation report and it also helps to factory layout to manage and avoid the excess stock of inventory which can increase the cost of maintenance. Information system for operation and manufacturing management is a task of controlling database of machine, man and money in right way. Just in time also method of operational task of managing human resource on work is also technology where employee database shows the accuracy and punctuality in time management with assigned task to every layman. Their performance and work time and machine working time evaluation can define the production output. These kinds of analysis are important to management to fill the gap of additional requirement of human resource to perform particular task of also possibility to make clear that staff are excess in number so that human resources can be move to different department according to their job evaluation and skill they do have.

All such analysis managers are doing through application software and communication technology. Hence organization has improve the standard of living of the people by providing them employment and also company earning profit by satisfying consumer through the product or services they sold out in the market. Industry profile in Thane district is on growing rapidly and very fast mode to achieve success on global market for various type of product to produce for supply in all over the world. (Table 1.3) listed detail about existing Micro and Small enterprises units in Thane district.
<table>
<thead>
<tr>
<th>NIC CODE NO.</th>
<th>TYPE OF INDUSTRY</th>
<th>NUMBER OF UNITS</th>
<th>INVESTMENT (LAKHS)</th>
<th>EMPLOYMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Agro based</td>
<td>245</td>
<td>15283</td>
<td>3849</td>
</tr>
<tr>
<td>22</td>
<td>Soda Water</td>
<td>28</td>
<td>1776</td>
<td>282</td>
</tr>
<tr>
<td>23</td>
<td>Cotton textile</td>
<td>460</td>
<td>40314</td>
<td>9652</td>
</tr>
<tr>
<td>24</td>
<td>Woolen, silk &amp; artificial tread based clothes</td>
<td>282</td>
<td>10698</td>
<td>11268</td>
</tr>
<tr>
<td>25</td>
<td>Jute &amp; jute based</td>
<td>9</td>
<td>146</td>
<td>165</td>
</tr>
<tr>
<td>26</td>
<td>Ready-made garment &amp; embroidery</td>
<td>67</td>
<td>5000</td>
<td>4019</td>
</tr>
<tr>
<td>27</td>
<td>Wood/wooden based furniture</td>
<td>30</td>
<td>1757</td>
<td>529</td>
</tr>
<tr>
<td>28</td>
<td>Paper &amp; Paper products</td>
<td>81</td>
<td>4443</td>
<td>1377</td>
</tr>
<tr>
<td>29</td>
<td>Leather based</td>
<td>11</td>
<td>300</td>
<td>503</td>
</tr>
<tr>
<td>30</td>
<td>Rubber, Plastic &amp; petro based</td>
<td>273</td>
<td>33733</td>
<td>3701</td>
</tr>
<tr>
<td>31</td>
<td>Chemical/Chemical based</td>
<td>342</td>
<td>22443</td>
<td>5454</td>
</tr>
<tr>
<td>32</td>
<td>Mineral based</td>
<td>105</td>
<td>8675</td>
<td>1608</td>
</tr>
<tr>
<td>33</td>
<td>Metal based (Steel Fab.)</td>
<td>145</td>
<td>18420</td>
<td>3660</td>
</tr>
<tr>
<td>35</td>
<td>Engineering units</td>
<td>826</td>
<td>29882</td>
<td>11127</td>
</tr>
<tr>
<td>36</td>
<td>Electrical machinery and transport equipment</td>
<td>87</td>
<td>4599</td>
<td>1926</td>
</tr>
<tr>
<td>97</td>
<td>Repairing &amp; servicing</td>
<td>44</td>
<td>1788</td>
<td>424</td>
</tr>
<tr>
<td>1</td>
<td>Others</td>
<td>13927</td>
<td>623571</td>
<td>201034</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>16962</strong></td>
<td><strong>822828</strong></td>
<td><strong>260578</strong></td>
</tr>
</tbody>
</table>

Table 1.3 List of existing Micro and Small enterprises units in Thane district.

*Source: Industrial profile of Thane District, MSME Development institute.GOI

Management information system in organization has definite purpose to form it in particular region to select for set up. Due to all the supportive environment factor and facility of transportation and communication intended to form the organization in decided place. Resources are very important factor of any organization before it start
for business location depending on the other elements which are the primary need of manufacturing goods, warehousing facility and consumer market. These entire processes of selection of business setup are the important decision based on information system which provide details about geographical location and related other resource facility which will be the supportive context for the business organization and evaluate the other source such as transportation, electrical supply, water supply and available human resource in nearby location of selected layout for factory or office respectively. Company forms layout based on feasible location connectivity with other sources of require product for manufacturing and also it consider need of information of target customer and knowledge about other competitors in the market, all such factors are in consideration for organization building.

Resource of required material, human resource, machinery and technological devices all integrated factors will combine the force of business process for benefit of the society and to earn the profit through the entire process of transaction. A proprietor has vision to analyze the further need of the society and has power to create employment and who always try to find solution on problem with its view of forecasting the future. Owner clearly set objective or goal of the business, assemble the require element of the business, ingrates all of them in place set certain rules and policy to followed by employee for particular value of the organization generate in the society, This process need to be continue for the organization growth so to manage and monitor management has come into the picture at the time of formation, and this is all about administration of entire business process and set of information system to organize, Control, monitor, the activity on each level of management and delegating task to the designated employee for particular functional activity. Various departments form to process further for business transaction and that monitor by tope level management ,so level of management is important here to evaluate the task depending on the skill experience one has got throughout their career lifecycle. Human resource department take care of all such evaluation of personal skill, require education for particular designation and to serve specific task this every details evaluate through department of human resource of the organization, Production manager controls the activity on manufacturing and supply chain process, also take care about the communication of vendor management and asset management of the
organization to control and evaluate current and forecast the business purpose for further expansion.

Operation manager controls the day to day activity of the business and monitoring the performance of related employees. Marketing manager take care of market research and promotion and branding activity of the product and services. Finance manager analyze the daily expenses criteria in one particular approval system for further evaluation, budgeting, return on investment and formulation of funds process monitor and evaluate with financial expert team of organization. Information technology and system managers are playing key role in organization now a day to keep all above department manager connected with each other through the unified communication technique and information support system to make effective performance of all the employee of organization. All process work of business transaction entirely store on storage devices with its all modification details same will retrieve as and when require to the manager and can present reports in meeting. Information technology and information system work together to create effective database for further processing of business transaction. Thane region is full of advance resources available to its location and many manufacturing firm or service industry achieved their profit to control business setup and expand as much as can possible. Rapid growth possible due to the hi-tech feasibility and awareness of technical literacy made possible the optimum use of resources in corporate world to make easy life of consumer by fulfilling their demand in all need of product and services. Industrial phase also develop as global business sector adopting new enterprise application in its use, which contains effective information system to support to the transition process. Hence new emerging businesses are now form on single click and to mange such organization online will need much more expert to monitor the online transition and keep it safe and secure over the network. There will be wide range of business process to expansion lead many other agency work and forms new organization setup to support the further innovation in the business growth.

Decision has power to change the conditions of organization position in the market through the right direction in management activity and supply of right information to process of business transition, flow of internal healthy communication between employee and appreciation to each employee who contributed their idea vision and skill of evaluation to made success possible to the organization. All such small but require acts decide further action plan of the management and will lead the
entire team member in one direction. Training and conference need to be held for employee performance to improve or for knowledge sharing to the new commerce. Healthy group decision and maximum use of the new ideas through the communication process over the network will build the entire reputation of the organization. And all such quality are presently found in Thane industries and organizations who develop the information system to retrieve effective decision for the organization growth and still on improving phase to learn new technological changes and advancement to support in information system and even understand customer requirements and preferences for particular product and services. Thane district found place of industries where organization set up has plant of different product of production and manufacturing and even the plant where service provided to the people of the society to improve the standard of living and enrich the lives by serving through hospitality and academic industries which are the also maintaining strong information system for research purpose to know and updates the requirement of their customer and change preference in consumer buying patterns and style of approach to the sellers. Wide change in e-business transition taken place and will improve lot in future and IS supports to take effective decision on the specific phase of organization to stand in global list of the business world.

1.6 HYPOTHESIS

Two hypotheses formulated and tested in this research study:

Ho1: Fiscal constraint is not a serious reason militant against effective management MIS of organization in Thane district.

Ho2: Lack of management proficiency does not obstruct the efficient performance of management information system of organization in Thane district.

RESEARCH HYPOTHESIS TESTING

The hypothesized statements were tested using the Z test statistical tool. The test conducted at 95% confidence interval and ‘0.05’ level of significance. The decision rule was that if the calculated Z value is less than the critical value i.e. ‘1.96’, null hypothesis will accept, if not will reject as per the result tested hypothesis, financial constraint is not a serious factor militant against effective management of MIS in Thane. as per table 6.6 the calculated Z=14.533 is greater than the critical value 1.96 i.e. the null hypothesis will be rejected, In other words there are major barriers
other than financial constraint and financial factor is not serious reason militant
against effective management of MIS of public and private limited organization of
Thane district. It is concluded that the null hypothesis Ho is rejected. Therefore there
is enough evidence to claim that the population proportion p is different than Po, at
the 0.05 significance level. The 95% confidence interval is -0.0172 < p < 0.0172.
Analysis of second Ho2 hypothesis, Lack of management proficiency does not
obstruct the efficient performance of MIS organization in Thane district. In testing of
this hypothesis, it has been proved that stated hypothesis wrong by reveling that, the
calculated Z=12.686 is greater than the critical Value 1.96. In view of this result,
herewith reject the stated hypothesis which means that lack of management
proficiency does not obstruct the efficient performance of MIS organization in Thane
District. It is concluded that the null hypothesis Ho is rejected. Therefore, there is
enough evidence to claim that the population proportion P is greater than Po, at the
0.05 significance level. The 95% Confidence interval is -0.0172 < p < 0.0172.

The result of these research work revealed that skill and professional managers
are key player who run the complete responsibility of MIS. Lack of management skill
on MIS, result into employee’s poor performance into organization so to
administrating the MIS plays an important role. Effective performances of
management information system reduce the market risk and control threads even in
unfavorable situation. Large scale of industrial counterpart depends on the effective
utilization of information system by management in Thane district. Manager’s
performances always improve the quality of decision output for particular activity and
improve the stumbling block for the development and growth of business organization
in Thane district.