DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

NAME OF THE SUBJECT **:** **PRINCIPLES OF MANAGEMENT**

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SYLLABUS

GE3751 PRINCIPLES OF MANAGEMENT

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UNIT I INTRODUCTION TO MANAGEMENT AND ORGANIZATIONS

Definition of Management – Science or Art – Manager Vs Entrepreneur - types of managers -managerial roles and skills – Evolution of Management – Scientific, human relations, system and contingency approaches – Types of Business organization - Sole proprietorship, partnership, company-public and private sector enterprises - Organization culture and Environment – Current trends and issues in Management.

UNIT II PLANNING

Nature and purpose of planning – planning process – types of planning – objectives – setting objectives – policies – Planning premises – Strategic Management – Planning Tools and Techniques – Decision making steps and process.

UNIT III ORGANISING

Nature and purpose – Formal and informal organization – organization chart – organization structure – types – Line and staff authority – departmentalization – delegation of authority – centralization and decentralization – Job Design - Human Resource Management – HR Planning, Recruitment, selection, Training and Development, Performance Management, Career planning and management.

UNIT IV DIRECTING

Foundations of individual and group behavior – motivation – motivation theories – motivational techniques – job satisfaction – job enrichment – leadership – types and theories of leadership – communication – process of communication – barrier in communication – effective communication –communication and IT.

UNIT V CONTROLLING

System and process of controlling – budgetary and non-budgetary control techniques – use of computers and IT in Management control – Productivity problems and management – control and performance – direct and preventive control – reporting.

TEXTBOOKS:

1. Stephen P. Robbins & Mary Coulter, ―Management‖, Prentice Hall (India) Pvt. Ltd., 10th Edition, 2009. 3 2. JAF Stoner, Freeman R.E and Daniel R Gilbert ―Management‖, Pearson Education, 6th Edition, 2004.

REFERENCES:
1. Stephen A. Robbins & David A. Decenzo& Mary Coulter, ―Fundamentals of Management‖ Pearson Education, 7th Edition, 2011.
2. Robert Kreitner&MamataMohapatra, ― Management‖, Biztantra, 2008.
3. Harold Koontz & Heinz Weihrich ―Essentials of management‖ Tata McGraw Hill,1998.
4. Tripathy PC & Reddy PN, ―Principles of Management‖, Tata McGraw Hill, 1999

as greater satisfaction from a sense of personal achievement in meeting the increased challenge and responsibility of one's work.

Approaches to job design include:

● **Job Enlargement:** Job enlargement changes the jobs to include more and/or different tasks. Job enlargement should add interest to the work but may or may not give employees more responsibility.

● **Job Rotation:** Job rotation moves employees from one task to another. It distributes the group tasks among a number of employees.

● **Job Enrichment:** Job enrichment allows employees to assume more responsibility, accountability, and independence when learning new tasks or to allow for greater participation and new opportunities.

TYPES OF MOTIVATION TECHNIQUES

If a manager wants to get work done by his employees, he may either hold out a promise of a reward (positive motivation) or he/she may install fear (negative motivation). Both these types are widely used by managements.

a) Positive Motivation:

This type of motivation is generally based on reward. A positive motivation involves the possibility of increased motive satisfaction. According to Flippo - "Positive motivation is a process of attempting to influence others to do your will through the possibility of gain or reward". Incentive motivation is the "pull" mechanism. The receipt of awards, due recognition and praise for work-well done definitely lead to good team spirit, co-operation and a feeling of happiness.

- Positive motivation include:-
- Praise and credit for work done
- Wages and Salaries
- Appreciation
- A sincere interest in subordinates as individuals
- Delegation of authority and responsibility

b) Negative Motivation:

This type of motivation is based on force and fear. Fear causes persons to act in a certain way because they fear the consequences. Negative motivation involves the possibility of decreased motive satisfaction. It is a "push" mechanism. The imposition of punishment frequently results in frustration among those punished, leading to the development of maladaptive behaviour. It also creates a hostile state of mind and an unfavourable attitude to the job. However, there is no management which has not used the negative motivation at some time or the other.

MOTIVATION THEORIES

Some of the motivation theories are discussed below

a) McGregor's Theory X and Theory Y:

McGregor states that people inside the organization can be managed in two ways. The first is basically negative, which falls under the category X and the other is basically positive, which falls under the category Y. After viewing the way in which the manager dealt with employees, McGregor concluded that a manager's view of the nature of human beings is based on a certain grouping of assumptions and that he or she tends to mold his or her behavior towards subordinates according to these assumptions.

Under the assumptions of theory X:

- Employees inherently do not like work and whenever possible, will attempt to avoid it.
- Because employees dislike work, they have to be forced, coerced or threatened with punishment to achieve goals.
- Employees avoid responsibilities and do not work fill formal directions are issued.
- Most workers place a greater importance on security over all other factors and display little ambition.

In contrast under the assumptions of theory Y:

- Physical and mental effort at work is as natural as rest or play.

- People do exercise self-control and self-direction and if they are committed to those goals.

- Average human beings are willing to take responsibility and exercise imagination, ingenuity and creativity in solving the problems of the organization.

- That the way the things are organized, the average human being's brainpower is only partly used.

On analysis of the assumptions it can be detected that theory X assumes that lower-order needs dominate individuals and theory Y assumes that higher-order needs dominate individuals. An organization that is run on Theory X lines tends to be authoritarian in nature, the word —authoritarian‖ suggests such ideas as the —power to enforce obedience‖ and the —right to command.‖ In contrast Theory Y organizations can be described as —participative‖, where the aims of the organization and of the individuals in it are integrated; individuals can achieve their own goals best by directing their efforts towards the success of the organization.

b) Abraham Maslow's "Need Hierarchy Theory":

One of the most widely mentioned theories of motivation is the hierarchy of needs theory put forth by psychologist Abraham Maslow. Maslow saw human needs in the form of a

hierarchy, ascending from the lowest to the highest, and he concluded that when one set of needs is satisfied, this kind of need ceases to be a motivator.

As per his theory these needs are:

(i) Physiological needs:

These are important needs for sustaining the human life. Food, water, warmth, shelter, sleep, medicine and education are the basic physiological needs which fall in the primary list of need satisfaction. Maslow was of an opinion that until these needs were satisfied to a degree to maintain life, no other motivating factors can work.

(ii) Security or Safety needs:

These are the needs to be free of physical danger and of the fear of losing a job, property, food or shelter. It also includes protection against any emotional harm.

(iii) Social needs:

Since people are social beings, they need to belong and be accepted by others. People try to satisfy their need for affection, acceptance and friendship.

(iv) Esteem needs:

According to Maslow, once people begin to satisfy their need to belong, they tend to want to be held in esteem both by themselves and by others. This kind of need produces such satisfaction as power, prestige status and self-confidence. It includes both internal esteem factors like self-respect, autonomy and achievements and external esteem factors such as states, recognition and attention.

(v) Need for self-actualization:

Maslow regards this as the highest need in his hierarchy. It is the drive to become what one is capable of becoming; it includes growth, achieving one's potential and self-fulfillment. It is to maximize one's potential and to accomplish something.
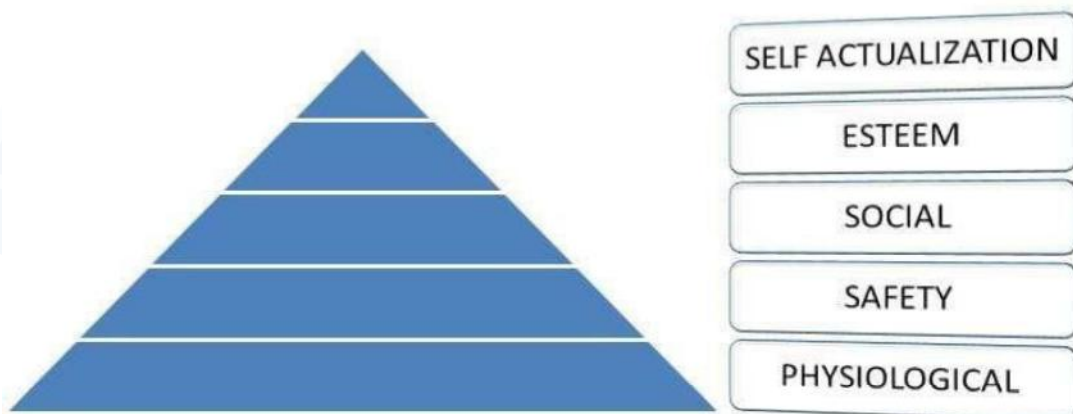
All of the needs are structured into a hierarchy and only once a lower level of need has been fully met, would a worker be motivated by the opportunity of having the next need up in the hierarchy satisfied. For example a person who is dying of hunger will be motivated to achieve a basic wage in order to buy food before worrying about having a secure job contract or the respect of others.

A business should therefore offer different incentives to workers in order to help them fulfill each need in turn and progress up the hierarchy. Managers should also recognize that workers are not all motivated in the same way and do not all move up the hierarchy at the same pace. They may therefore have to offer a slightly different set of incentives from worker to worker.

c) Frederick Herzberg's motivation-hygiene theory:

Frederick has tried to modify Maslow's need Hierarchy theory. His theory is also known as two-factor theory or Hygiene theory. He stated that there are certain satisfiers and dissatisfiers for employees at work. Intrinsic factors are related to job satisfaction, while extrinsic factors are associated with dissatisfaction. He devised his theory on the question: —What do people want from their jobs? He asked people to describe in detail, such situations when they felt exceptionally good or exceptionally bad. From the responses that he received, he concluded that opposite of satisfaction is not dissatisfaction. Removing dissatisfying characteristics from a job does not necessarily make the job satisfying. He states that presence of certain factors in the organization is natural and the presence of the same does not lead to motivation. However, their non-presence leads to de-motivation. In similar manner there are certain factors, the absence of which causes no dissatisfaction, but their presence has motivational impact.

Examples of Hygiene factors are:

Security, status, relationship with subordinates, personal life, salary, work conditions, relationship with supervisor and company policy and administration.

Examples of Motivational factors are:

Growth, prospectus job advancement, responsibility, challenges, recognition and achievements.

d) Victor Vroom's Expectancy theory:

The most widely accepted explanations of motivation have been propounded by Victor Vroom. His theory is commonly known as expectancy theory. The theory argues that the strength of a tendency to act in a specific way depends on the strength of an expectation that the act will be followed by a given outcome and on the attractiveness of that outcome to the individual to make this simple, expectancy theory says that an employee can be motivated to perform better when there is a belief that the better performance will lead to good performance appraisal and
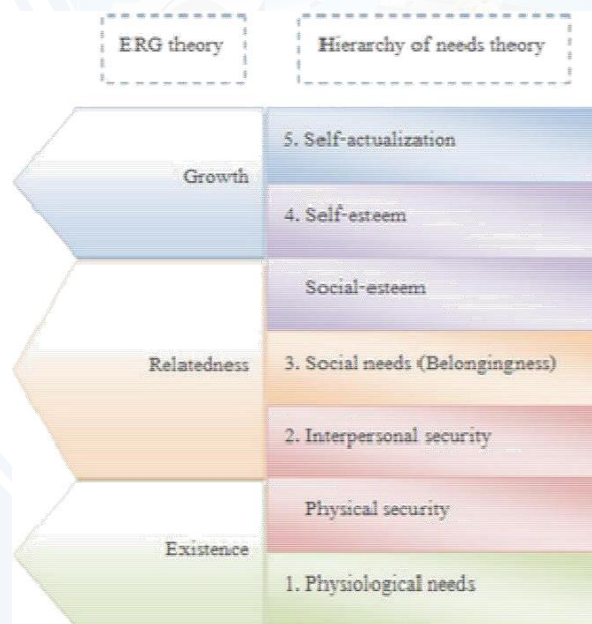
that this shall result into realization of personal goal in form of some reward. Therefore an employee is:

Motivation = Valence x
Expectancy. The theory focuses on
three things:

- Efforts and performance relationship
- Performance and reward relationship
- Rewards and personal goal relationship

e) Clayton Alderfer's ERG Theory:

Alderfer has tried to rebuild the hierarchy of needs of Maslow into another model named ERG i.e. Existence – Relatedness – Growth. According to him there are 3 groups of core needs as mentioned above. The existence group is concerned mainly with providing basic material existence. The second group is the individuals need to maintain interpersonal relationship with other members in the group. The final group is the intrinsic desire to grow and develop personally. The major conclusions of this theory are:

- In an individual, more than one need may be operative at the same time.

- If a higher need goes unsatisfied than the desire to satisfy a lower need intensifies.

- It also contains the frustration-regression dimension.

f) McClelland's Theory of Needs:

David McClelland has developed a theory on three types of motivating needs :

(i) Need for Power
(ii) Need for Affiliation
(iii) Need for Achievement

Basically people for high need for power are inclined towards influence and control. They like to be at the centre and are good orators. They are demanding in nature, forceful in manners and ambitious in life. They can be motivated to perform if they are given key positions or power positions.

In the second category are the people who are social in nature. They try to affiliate themselves with individuals and groups. They are driven by love and faith. They like to build a friendly environment around themselves. Social recognition and affiliation with others provides them motivation.

People in the third area are driven by the challenge of success and the fear of failure. Their need for achievement is moderate and they set for themselves moderately difficult tasks. They are analytical in nature and take calculated risks. Such people are motivated to perform when they see at least some chances of success.

McClelland observed that with the advancement in hierarchy the need for power and achievement increased rather than Affiliation. He also observed that people who were at the top, later ceased to be motivated by this drives.

g) Stacey Adams' Equity Theory:

As per the equity theory of J. Stacey Adams, people are motivated by their beliefs about the reward structure as being fair or unfair, relative to the inputs. People have a tendency to use subjective judgment to balance the outcomes and inputs in the relationship for comparisons between different individuals. Accordingly:

$$\frac{\text{Out comes by a person}}{\text{Inputs by a person}} = \frac{\text{Out comes by another person}}{\text{Input by another person}}$$

If people feel that they are not equally rewarded they either reduce the quantity or quality of work or migrate to some other organization. However, if people perceive that they are rewarded higher, they may be motivated to work harder.

h) Skinner's Reinforcement Theory:

B.F. Skinner, who propounded the reinforcement theory, holds that by designing the environment properly, individuals can be motivated. Instead of considering internal factors like

impressions, feelings, attitudes and other cognitive behavior, individuals are directed by what happens in the environment external to them. Skinner states that work environment should be made suitable to the individuals and that punishment actually leads to frustration and de-motivation. Hence, the only way to motivate is to keep on making positive changes in the external environment of the organization.

LEADERSHIP

Definition

Leadership is defined as influence, the art or process of influencing people so that they will strive willingly and enthusiastically toward the achievement of group goals.

- Leaders act to help a group attain objectives through the maximum application of its capabilities.
- Leaders must instill values – whether it be concern for quality, honesty and calculated risk taking or for employees and customers.

Importance of Leadership

1. Aid to authority
2. Motive power to group efforts
3. Basis for co operation
4. Integration of Formal and Informal Organization.

LEADERSHIP STYLES

The leadership style we will discuss here are:

a) Autocratic style

b) Democratic Style

c) Laissez Faire Style

a) Autocratic style

Manager retains as much power and decision-making authority as possible. The manager does not consult employees, nor are they allowed to give any input. Employees are expected to obey orders without receiving any explanations. The motivation environment is produced by creating a structured set of rewards and punishments.

Autocratic leadership is a classical leadership style with the following characteristics:

- Manager seeks to make as many decisions as possible
- Manager seeks to have the most authority and control in decision making
- Manager seeks to retain responsibility rather than utilize complete delegation
- Consultation with other colleagues in minimal and decision making becomes a solitary process

- Managers are less concerned with investing their own leadership development, and prefer to simply work on the task at hand.

Advantages

- Reduced stress due to increased control
- A more productive group ‗while the leader is watching' Improved logistics of operations
- Faster decision making

Disadvantages

- Short-termistic approach to management.
- Manager perceived as having poor leadership skills Increased workload for the manager
- People dislike being ordered around
- Teams become dependent upon their leader

b) Democratic Style

Democratic Leadership is the leadership style that promotes the sharing of responsibility, the exercise of delegation and continual consultation.

The style has the following characteristics:

- Manager seeks consultation on all major issues and decisions.
- Manager effectively delegate tasks to subordinates and give them full control and responsibility for those tasks.
- Manager welcomes feedback on the results of intiatives and the work environment.
- Manager encourages others to become leaders and be involved in leadership development.

Advantages

- Positive work environment
- Successful initiatives
- Creative thinking
- Reduction of friction and office politics Reduced employee turnover

Disadvantages

- Takes long time to take decisions Danger of pseudo participation

Like the other styles, the democratic style is not always appropriate. It is most successful when used with highly skilled or experienced employees or when implementing operational changes or resolving individual or group problems.

c) Laissez-Faire Style

This French phrase means ―leave it be‖ and is used to describe a leader who leaves his/her colleagues to get on with their work. The style is largely a "hands off" view that tends to minimize the amount of direction and face time required.

Advantages

- No work for the leader

- Frustration may force others into leadership roles

- Allows the visionary worker the opportunity to do what they want, free from interference

- Empowers the group

Disadvantages

o It makes employees feel insecure at the unavailability of a manager.
o The manager cannot provide regular feedback to let employees know how well they are doing.
o Managers are unable to thank employees for their good work.
o The manager doesn't understand his or her responsibilities and is hoping the employees can cover for him or her.

LEADERSHIP THEORIES

The various leadership theories are

a) Great Man Theory:
Assumptions

- Leaders are born and not made.

- Great leaders will arise when there is a great need.

Description

Early research on leadership was based on the study of people who were already great leaders. These people were often from the aristocracy, as few from lower classes had the opportunity to lead. This contributed to the notion that leadership had something to do with breeding.

The idea of the Great Man also strayed into the mythic domain, with notions that in times of need, a Great Man would arise, almost by magic. This was easy to verify, by pointing to people such as Eisenhower and Churchill, let alone those further back along the timeline, even to Jesus, Moses, Mohammed and the Buddha.

Discussion

Gender issues were not on the table when the 'Great Man' theory was proposed. Most leaders were male and the thought of a Great Woman was generally in areas other than leadership. Most researchers were also male, and concerns about androcentric bias were a long way from being realized.

b) Trait Theory:

Assumptions

- People are born with inherited traits.

- Some traits are particularly suited to leadership.

- People who make good leaders have the right (or sufficient) combination of traits.

Description

Early research on leadership was based on the psychological focus of the day, which was of people having inherited characteristics or traits. Attention was thus put on discovering these

traits, often by studying successful leaders, but with the underlying assumption that if other people could also be found with these traits, then they, too, could also become great leaders.

McCall and Lombardo (1983) researched both success and failure identified four primary traits by which leaders could succeed or 'derail':

Emotional stability and composure:

Calm, confident and predictable, particularly when under stress.

Admitting error: Owning up to mistakes, rather than putting energy into covering up.

Good interpersonal skills: able to communicate and persuade others without resort to negative or coercive tactics.

Intellectual breadth: Able to understand a wide range of areas, rather than having a narrow (and narrow-minded) area of expertise.

c) Behavioral Theory:

 Assumptions

- Leaders can be made, rather than are born.

- Successful leadership is based in definable, learnable behavior.

Description

Behavioral theories of leadership do not seek inborn traits or capabilities. Rather, they look at what leaders actually do. If success can be defined in terms of describable actions, then it should be relatively easy for other people to act in the same way. This is easier to teach and learn then to adopt the more ephemeral 'traits' or 'capabilities'.

d) Participative Leadership:

Assumptions

- Involvement in decision-making improves the understanding of the issues involved by those who must carry out the decisions.

- People are more committed to actions where they have involved in the relevant decision-making.

- People are less competitive and more collaborative when they are working on joint goals.

- When people make decisions together, the social commitment to one another is greater and thus increases their commitment to the decision.

- Several people deciding together make better decisions than one person alone.

Description

A Participative Leader, rather than taking autocratic decisions, seeks to involve other people in the process, possibly including subordinates, peers, superiors and other stakeholders. Often, however, as it is within the managers' whim to give or deny control to his or her subordinates, most participative activity is within the immediate team. The question of how much influence others are given thus may vary on the manager's preferences and beliefs, and a whole spectrum of participation is possible

e) Situational Leadership:

Assumptions

- The best action of the leader depends on a range of situational factors.

Description

When a decision is needed, an effective leader does not just fall into a single preferred style. In practice, as they say, things are not that simple.

Factors that affect situational decisions include motivation and capability of followers. This, in turn, is affected by factors within the particular situation. The relationship between followers and the leader may be another factor that affects leader behavior as much as it does follower behavior.

The leaders' perception of the follower and the situation will affect what they do rather than the truth of the situation. The leader's perception of themselves and other factors such as stress and mood will also modify the leaders' behavior.

f) Contingency Theory:

 Assumptions

- The leader's ability to lead is contingent upon various situational factors, including the leader's preferred style, the capabilities and behaviors of followers and also various other situational factors.

Description

Contingency theories are a class of behavioral theory that contend that there is no one best way of leading and that a leadership style that is effective in some situations may not be successful in others.

An effect of this is that leaders who are very effective at one place and time may become unsuccessful either when transplanted to another situation or when the factors around them change.

Contingency theory is similar to situational theory in that there is an assumption of no simple one right way. The main difference is that situational theory tends to focus more on the behaviors that the leader should adopt, given situational factors (often about follower behavior), whereas contingency theory takes a broader view that includes contingent factors about leader capability and other variables within the situation.

g) Transactional Leadership:

 Assumptions

- People are motivated by reward and punishment.
- Social systems work best with a clear chain of command.
- When people have agreed to do a job, a part of the deal is that they cede all authority to their manager.
- The prime purpose of a subordinate is to do what their manager tells them to do.

Description

The transactional leader works through creating clear structures whereby it is clear what is required of their subordinates, and the rewards that they get for following orders. Punishments are not always mentioned, but they are also well-understood and formal systems of discipline are usually in place.

The early stage of Transactional Leadership is in negotiating the contract whereby the subordinate is given a salary and other benefits, and the company (and by implication the subordinate's manager) gets authority over the subordinate.

When the Transactional Leader allocates work to a subordinate, they are considered to be fully responsible for it, whether or not they have the resources or capability to carry it out. When

things go wrong, then the subordinate is considered to be personally at fault, and is punished for their failure (just as they are rewarded for succeeding).

h)Transformational Leadership:

Assumptions

- People will follow a person who inspires them.

- A person with vision and passion can achieve great things.

- The way to get things done is by injecting enthusiasm and energy.

Description

Working for a Transformational Leader can be a wonderful and uplifting experience. They put passion and energy into everything. They care about you and want you to succeed. Transformational Leaders are often charismatic, but are not as narcissistic as pure Charismatic Leaders, who succeed through a belief in themselves rather than a belief in others. One of the traps of Transformational Leadership is that passion and confidence can easily be mistaken for truth and reality.

Transformational Leaders, by definition, seek to transform. When the organization does not need transforming and people are happy as they are, then such a leader will be frustrated. Like wartime leaders, however, given the right situation they come into their own and can be personally responsible for saving entire companies.

COMMUNICATION

Communication is the exchange of messages between people for the purpose of achieving common meanings. Unless common meanings are shared, managers find it extremely difficult to influence others. Whenever group of people interact, communication takes place. Communication is the exchange of information using a shared set of symbols. It is the process that links group members and enables them to coordinate their activities. Therefore, when managers foster effective communication, they strengthen the connections between employees and build cooperation. Communication also functions to build and reinforce interdependence between various parts of the organization. As a linking mechanism among the different organizational subsystems, communication is a central feature of the structure of groups and organizations. It helps to coordinate tasks and activities within and between organizations.

DEFINITION

According to Koontz and O'Donnell, "Communication, is an intercourse by words, letters symbols or messages, and is a way that the organization members shares meaning and understanding with another".