EXPLORING THE ROLE OF TRAINING AND DEVELOPMENT IN CREATING INNOVATIVE WORK BEHAVIORS AND ACCOMPLISHING NON-Routine COGNITIVE JOBS FOR ORGANIZATIONAL EFFECTIVENESS

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Abstract
Innovation is the buzz word in today’s organizational context. If the employees’ thoughts and actions are creative and innovative then there comes innovation. The need for innovation arises when one tries to carry out the non-routine cognitive jobs. Learning & development is vital among the various HRM practices which helps employees to keep them update with the requisite knowledge, skills and attitudes (KSAs) necessary for innovation. It is necessary for the organizations to focus on eliciting innovative behaviors among its employees to make innovation possible. Non-routine cognitive jobs help employees to be innovative and to understand the importance of being innovative and to learn the skills that are prerequisite for innovative behavior. This conceptual paper tries to explore how non-routine cognitive jobs are done effectively through innovative work behavior.

Keywords: Innovative Work Behavior, Innovative Behavioral Skills, Learning & Development, Non-Routine Manual and Cognitive Jobs.

INTRODUCTION
Among the various disciplines of management, Human Resource Management (HRM) plays a major role in the effectiveness of any organization. Human Resource Management is the process which starts with the Recruitment and ends with Employee Retirement. There are many functions which are done by HRM department viz., Recruitment, Selection, Employees Induction, providing orientation, Imparting Training and Development, Performance Appraisal, Management of Compensation and benefits, Employee Motivation, maintaining good Human relations and their trade unions, ensuring employees safety, welfare and healthy measures in compliance with labour laws. Among the aforesaid functions done by HRM department, providing Training and Development to the Employees is one of the key functions of HRM. Training & Development (T&D) plays a vital role in enhancing employees’ performance and increases productivity thereby results in organizational effectiveness. Organizations need to consider the cost, time and effort involved in T&D activities as an investment rather than cost.

In the contemporary scenario organizations would like to showcase themselves in the market, they like to be different and unique from its competitors and to entice the customers with new products and services as a result the organization will have an advantage over its competitors. Innovation is the concept which makes any organisation to stand apart from the group. Innovation helps employees to upsurge their productivity through creating and implementing innovative processes and differentiates the organization through innovative product and services. Training and development is one of the significant elements which help in making innovation and to create innovative behavior in the workplace.

REVIEW OF LITERATURE
Training and Development (Acquisition of knowledge and skills)
Every task which is done by people needs skills and up-to-date know-how to perform the task effectively and efficiently. When the tasks and jobs become more complex and complicated there is a need for training and development. Organizations need to provide T&D to the employees in order to survive. Training is a process which helps in developing the Knowledge and the Skill set of the employees in order to advance and alter their performance in the workplace. Training provides the awareness on the basic Information required to do a particular job, Knowledge to improve the performance on the job and Skills to demonstrate the abilities of the employee. Training is considered to be effective only when it addresses the knowledge/skill gap, prepares the employees for the future with new set of skills.

Steps to build up Effective T-Programs:
A firm increases its effectiveness and its performance with the firm’s skilled workforce. So companies focus and invest on effective T&D programs for organizational effectiveness (M Mayfield 2011). The money spent on T&D activities is considered as investment only when T&D fulfills the purpose -improved performance of the workforce- which it was intended (ML Hall, S Nania, 1997). In order training programs to be effective, T&D should be designed and developed effectively. Managers struggle in designing such effective programs. The effectiveness of T&D depends on designing and delivery of the training activities effectively and also on the methods of T&D (RAG Khan et al, 2011). Trainings to be effective first T&D department has to know why training is needed what kind of training and how it should be delivered to the audience. Only then the trainings can be effective. The first step to make the training program so effective is to identify and analyze the need of the training i.e., training need assessment (TNA). The need can be arises at three levels a) at organization level, based on the strategic planning, needs of the business and goals and objectives of the organization, b) at the individual level, based on the performance level of the employee, the necessary skills and up gradation of knowledge, c) at the operational level, the work or the task that is going to be assigned to the employees. The need can be identified through the performance appraisal, knowledge gaps, employee development needs, requirements of the manager and the business. Any training program which is readymade cannot be used for all types of employee or organizational needs. It should
be offered based on the needs (A Priya & N Panchanathan, 2011). Training is the important ingredient for the employee productivity and competence. One of the main responsibilities of an organization is to determine the real need for the training (can the problem be addressed through training or not). Assessment of training need is the essential and initial step in the process of selecting and providing appropriate training programs. The methods to analyze or assess the need of the training in an organization are: Performance appraisal, Business Goal/Needs, Self-Assessment and personal regards, Questionnaires survey, Competency matrix, Client / Customer Satisfaction Index, Client / Project requirement, Employee Rate and Gap Analysis, Personal Interviews, Direct Observation, Peer Feedback, Work Sample, Floor work, Dash Board and error chart, 360 degree Appraisal feedback, Knowledge and skill required by the team (N Singh, RC Dangwal, 2017). TNA has many benefits to the organization: a) identifies and addresses the acute need for the training b) helps employees to better understand their job role and duties and responsibilities c) acts as a tool for employee or management development d) creates conducive learning climate (H Pennington, 2011). The good the training need assessment the great the training program. The training efforts go in vain when the need assessment is done vainly. TNA leads to develop accurate training program which ultimately leads to improved performance. The reasons for needs assessment are a) identification of problem areas in the organization b) winning the support of management c) data to measure the training effectiveness d) cost-benefit analysis of the training program. TNA is useful in accomplishing the organizational goals and bridging the gap between the existing skills and the required skills of the employee for high performance (J Brown, 2002). The need of the training is to update the employees with latest technological developments. Learning is said to be a never ending process; though the employees are good enough to perform the task still they need a refresher training (or retraining) and to apprise themselves with the newest trends (GV Narasimhan & CS Ramanarayanan, 2014). The need for the change can emerge out from the length of the service of the employees in the organization (T Skica & J Rodzinka, 2012). Once the need for training is known, performance gaps are identified then it should be addressed appropriately (G Welty, 2007) and create the program strategies, method of instructions for effective and efficient training programs (JW Hansen, 2007) i.e., designing the program which suits the current trend. Designing has mainly three components they are: fitting the learning outcomes to the curriculum, outlining the learning outcomes, and getting the approval from the management (Gordon Welty, 2008). This makes decisions which include strategy, delivery methods, structure, duration, assessment, and feedback (Eoghan Quigley, 2019).

Transfer of Training (Application of Knowledge and skills): Merely attending training programs will not make employees proficient unless or until it (the KSAs) is put into action. Whatever the employees learn (knowledge, skills, and change in behavior) in the trainings it should be applied on the job. There are many factors which influence the training transfer, they are: - workplace design (VW Kupritz, 2002), correspondence between the training content and the workplace activities, motivation towards learning, favorable environment for transfer (Al Renta-Davids, JM Jiménez-González, 2014) & training relevance to the participants’ needs (FM Nafukho et, al, 2017). The effectiveness of the training and the performance of the employees depend on the level of participation of the employees in the T&D programs (AA Ramli et.al, 2018). Therefore training effectiveness is not only measured through proper training methods and materials but the transfer of training plays an imperative role. Acquisition of knowledge and skills from training activities and Application of knowledge and skills on the job leads to training effectiveness and employees’ efficiency.
Training Outcomes
Training also has an effect on the attitudes of employees which in turn makes them to perform well with proficiency. T&D activities help in managing the conflicts between employer and employee; between employee and employee. With the effective training application (transfer) of the acquired technical and behavioral skills enhances job performance which leads to employee job satisfaction and organizational involvement. (Debra L. Truitt, 2011). Developing only KSAs may not make the employee committed towards his/her work. T&D has to create Innovative Behaviors in the employees (AA Ramli et al, 2018). The research studies are apparent that training and development elicits various attributes of employees viz. Innovative work behavior, affective commitment, work proficiency, managing conflicts which ultimately leads to employees' improved performance and productivity. The list of employee attributes which is attained through Training activities are shown in Fig. 1.

Fig. 1: Employee attributes that are elicited through effective T&D

Conceptual Framework

Innovation and Innovative Work Behavior (IWB):
By considering the above attributes that are elicited through T&D, this study illustrates the importance of innovative work behaviors among employees. IWB is defined as the behaviors which are connected with generation and implementation of novel and creative ideas. Innovation is the buzz word in today's business; the organization has to either "Explore or Expire". Training and Development helps employees and organization to have innovative work behavior (IWB). But companies neglects to provide proper T&D where it focuses only on tools and processes, which is insufficient to create innovativeness. Innovative oriented culture can be created through T&D (TL Michaels & SK Markham, 2017). As suggested by AA Ramli et al (2018) T&D has to create innovative work behaviors in the employees. When the organizational (team) structure is organic and employees are goal oriented has a positive impact on IWB (Fu Yang et al, 2015). T&D is one of the best practices to develop IWB in the employees (A Bos-Nebles et al, 2017). The innovative behavior of employees in an organization is affected by the shortage of technologically skilled employees (N Sharma, 2017). Leadership styles (mainly transformational leadership) and knowledge sharing (SB Choi, et al, 2015, C Feng et al, 2016). The determinants of innovative behavior are workplace happiness and coworker support (S Bani-Melhem, et al, 2018). Motivation (intrinsic and extrinsic) (AH Jaafar, et al, 2018). Proactive personality (B Yildiz, et al, 2017), leadership support and conducive environment for innovation, managerial role expectations, problem solving style, work group relations (SG Scott, & RA Bruce, 1994). Innovative work behavior can be influenced by innovation training, effective learning opportunities and redesigned job roles (BE Watley, 2016). Innovation is the one criterion which helps the organization to be different in the market and to have a competitive advantage, meet the consumers' expectations, bear the competitive pressures. Creativity in engineering training helps organizations to create innovativeness in the employees ultimately leads to innovative organizations (Mousavifard, & A Ayoubi et al 2018). Training plays an imperative role in creativity and innovation. The organization has to make efforts to design and develop right training interventions (KR Sarri, et al, 2010). M Sheehan et al, (2014) suggests that developing human resources, through T&D, influence an organization’s innovation by having a positive job impact on employee engagement, leadership, motivation to learn, promoting learning culture and developing social capital. The training intervention related mainly to soft skills (behavioral and professional skill) and technical skills have a positive impact on Innovation (DV Goyal, 2016).

In order to elicit IWB among employees, effective training programs should focus on a wide range of activities which unleashes the dormant creative and innovative adroitness. By doing so it allows organization to have a competitive advantage and to perform expeditiously. As mentioned above training requirement research is done at three levels; at the task or operational level, the need analysis determines what kind of KSAs is required for the employees to do jobs effectively and efficiently. While doing the job effectively, employees can be trained to do their job innovatively. The tasks can be divided into Routine (manual and cognitive) and Non-routine (manual and cognitive) tasks. This conceptual study tries to explore the importance of innovative behavior in accomplishing the Non-routine cognitive jobs. Non-routine cognitive jobs can be further divided into Analytical and Interactive (or interpersonal); Analytical jobs include data or information analysis, creative thinking, interpretation of information for others, Interactive jobs includes Relationship management (establishing and maintaining relations), Leadership (guiding, directing and motivating subordinates, coaching and developing others) (Acemoglu and Autor, 2011). The skills required for carrying out the non-routine cognitive jobs are Abstract reasoning, Systems thinking, Collaboration, and Ability to experiment (https://vistamis1.fandom.com/wiki/The_4_Non-Routine_Skills).

Fig. 2: Types of tasks

The skills which required for being innovative at workplace are Divergent thinking, curiosity, passionate, courageous, confident, inquisitive, creative, challenge, focused, emotional intelligence, commitment, learn from failures, good listener, leadership qualities, strive for excellence, pro-activity & persistence, prudence, and social capital. Employees having innovative work behavior leads to accomplishing the non-routine cognitive tasks effectively (Fig.3).
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Fig. 3: Non-routine cognitive jobs done by the people who behave innovatively at work

Though there are certain jobs which are subject to replaced by machines, non-routine cognitive jobs are mostly done by the people. When employees are trained and developed effectively; when there is culture for learning it is possible for executing non-routine cognitive jobs effectively. Employee Innovative behavior is very essential for organizations to be the leader in the market. Based on the above literature review the model is conceptualized as below.

CONCLUSION
It is evident that Training & Development plays a vital role in improving the performance of the employees through inculcating the innovative work behaviors which helps in accomplishing non-routine cognitive jobs effectively and innovatively.

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