



Human Capital Management Report

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Module: Human Capital Management

Module Code: LCMB7023

Programme: Master of Business Administration (MBA)

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INTRODUCTION

The 300 employees of Aether Innovations are part of a technology company showing unpromising growth, growing employee turnover and customer dissatisfaction, which makes it unlikely that merely operational inefficiencies are the source of the underlying organisational capability issues. The ability of the organisation to constantly introduce and apply new ideas is critical to remaining competitive in knowledge-intensive firms. As a result, organisational culture is an effective strategic mechanism that defines how employees cooperate, explore and resolve issues. Schein (2010) indicates that organisational culture works by creating a system of shared assumptions and standards of behaviour that shape employees' perceptions in terms of their response to change. Innovation capacity reduces when these norms prevent experimentation or cooperation.

CURRENT CULTURAL AND WORK PRACTICES IN TECHNOLOGY COMPANIES

INNOVATION-ORIENTED ORGANISATIONAL CULTURE

Technology firms that perform well tactically establish organisational cultures to formalise experimentation and learning. Schein (2010) identifies three interrelated levels of the organisational culture: visible artefacts, espoused values and underlying assumptions that encompass behaviour pattern patterns among the employees. This stratification is planned in large technology firms to facilitate experimentation and sharing of knowledge. Indicatively, in the case of Google, artefacts, including open

collaborative workspaces and internal knowledge-sharing platforms, support organisational values, which underscore experimentation and quick problem-solving. But the performance of such practices is subject to more profound cultural beliefs that legitimise risk-taking. It has been found that psychological safety is needed in innovation-focused teams, where employees feel comfortable to share their new ideas without the fear of punitive actions (Edmondson, 2019). With such safety in place, the employees will be much more open to questioning the status quo and offer new ideas, which enhances the level of innovation performance.

AGILE AND CROSS-FUNCTIONAL WORK STRUCTURE

In addition to differing cultures, technology companies are embracing more agile types of organisations in order to speed up the technology innovation process and decrease hierarchical decision-making processes. Agile systems decentralise control and structure work into small autonomous teams that can experiment quickly. An example of this organisational structure is the Spotify organisational model, which organises employees into groups known as squads, tribes and chapters, enabling engineers, designers and product specialists to work in flexible networks as opposed to a strict departmental hierarchy. According to empirical industry evidence, agile organisations are more responsive to market changes and better innovators (McKinsey&Company, 2021). From a knowledge-based perspective, innovation is created when organisations combine specialised expertise across the organisation. According to Grant (1996), competitive advantage develops when firms coordinate distributed knowledge across individuals and teams.

KNOWLEDGE WORKERS AND EMPLOYEE MOTIVATION

Technological innovation in technology companies ultimately relies on the motivation and creativity of knowledge workers rather than routine labour. Self-Determination Theory explains that employees experience intrinsic motivation when organisational environments support autonomy, competence and relatedness (Ryan and Deci, 2000).

These psychological conditions encourage individuals to experiment with new ideas and pursue complex problem-solving tasks. The study by (Deci, Olafsen and Ryan, 2017) has demonstrated the close linkage of autonomous motivation to increased employee engagement and better work performance. As a result, most technology companies have planned motivational mechanisms that promote experimentation. One notable case is the Shiplt Days organized by Atlassian, during which employees have a specific time to work on experimental concepts that are not part of their daily work, and frequently result in the addition of features to a product or an improvement in a process. The practices illustrate how technology firms incorporate inherent motivation systems within the organisational work design to encourage innovation and high level of employee involvement.

CULTURAL AND STRUCTURAL INITIATIVES TO EMBED INNOVATION

INNOVATION SPRINTS

The innovation capability in case of a technology company like Aether Innovations is based on the ability to shorten the time gap between generating ideas and experimentation. Among the mechanisms that have been widely embraced by technology firms to fasten the transformation of ideas into testable prototypes is innovation sprouts. As an illustration, the Google Ventures design sprint framework reduces product experimentation to a five-day cycle which incorporates problem identification, ideation, prototype development and user testing. The sprint model minimises the inertia in organisations by compelling teams to work on a particular problem within a constrained period of time and promotes quick experimentation. This strategy is especially useful since knowledge-based companies cannot be innovative through the creativity of one or more people. Grant (1996) argues that the competitive advantage in any knowledge based firm is due to the fact that they can integrate specialised knowledge among individuals and teams.

INTRAPRENEURSHIP PROGRAMS

In addition to formal experimentation, companies should also establish systems which enable employees to follow new ideas on their own. According to the theory of corporate entrepreneurship, innovation is usually realized when the employees can be perceived as internal entrepreneurs in contrast to top-down strategic planning (Burgelman, 1983). Most technology firms institutionalize this behaviour in intrapreneurship programs, which give employees resources and freedom to develop innovative ideas. Adobe Kickbox innovation program is such an initiative, the employees are provided with a set of tools of innovation which include training material, mentoring counseling and a small amount of money to allow the employees to test out the experimental concepts without requiring the management to sanction them. Such efforts are effective because they enhance intrinsic motivation of knowledge workers. The Self-Determination Theory explains that workers are likely to be creative and problem solvers when organisations give them autonomy and work in a self-directed way (Ryan and Deci, 2000).

CROSS-FUNCTIONAL INNOVATION TEAMS

Although the role of individual creativity cannot be disregarded, the majority of technological innovations are the result of jointly solving problems by specialists whose knowledge and skills are complementary. From a knowledge-based perspective, organisations innovate by combining different forms of knowledge dispersed among employees rather than relying on isolated experts (Grant, 1996). Technology firms therefore structure innovation activities through cross-functional teams that integrate engineering, design, marketing and data analysis capabilities. This principle can be seen in the product development design of Apple where product teams typically consist of hardware engineers, software developers, designers and marketing strategists so that technological feasibility can be addressed at the same time as user experience and market positioning. However, merely putting together different teams is not sufficient to achieve innovation results.

HYBRID WORK STRUCTURE: THE FUTURE OF WORK MODEL

The work arrangements are now considered as a key strategic factor in driving the performance of innovation in the knowledge-based organisations. Technology firms are moving towards hybrid work patterns uniting remote adaptability with coordinated physical cooperation as they realise that knowledge work entails an individual focus and a group answer to issues. Employee surveys show that employee preferences in terms of work flexibility changed considerably. To illustrate, Microsoft has published the Microsoft Work Trend Index according to which around 70 percent of employees believe that flexible working conditions are desirable, and a big portion of employees believes that it is often necessary to meet colleagues in person to cooperate and do creative work (Microsoft, 2022). In the case of knowledge workers, e.g., software engineers, designers and data analysts, the remote environment can be more productive, as it provides opportunities to have continuous deep work without interruptions, which is necessary to complete with complex cognitive processes. Nonetheless, fully remote buildings can undermine informal communication and spontaneous exchange of ideas, which is essential in the case of innovations. The idea of hybrid work models is thus an attempt to find the middle ground between autonomy and teamwork by organizing the work interactions of workers.

The hybrid model of three remote working days and two office-based working days would be suitable in Aether Innovations since it will match working behaviors with the cognitive needs of knowledge work without reducing the possibilities of joint innovation. Remote days would give employees opportunity to work on tasks that are technically intensive like coding, algorithm design and data analysis where one needs to be continuously concentrated to enhance the quality of output. Instead, office days would be specifically spent on collaborative time like innovation workshops, design sprints and cross-functional problem-solving sessions. This is a conscious segregation of work forms so that the office time is utilized in the strategically creative and knowledge combination instead of ordinary administration..

MOTIVATION AND PERFORMANCE OUTCOMES

The effectiveness of the proposed programmes may be considered through the prism of the Ability-Motivation-Opportunity (AMO) paradigm, which holds that the more organisations collaborate to enhance the abilities of employees as well as their motivation and a chance to contribute, the greater the performance of employees would be (Boxall and Purcell, 2016). The innovation training that is part of sprint cycles and cross-functional teams would empower the employees in Aether Innovations as the employees would have an increased level of technical and problem-solving skills regardless of the discipline. Knowledge sector firms now have been so reliant on the continuous development of skills due to the rise of innovation that demands employees to combine engineering, data analytics, and user-experience insights into unified development cycle. However, competencies do not suffice in creating innovation unless the employees have an internal motivation to experiment with new ideas. The Self-Determination Theory compares workers to be more innovative and active when organisations agree to autonomy and self-regulated working (Ryan and Deci, 2000). Intrapreneurship programs and the Aether innovation lab proposed provide the employees with freedom of choice on decisions and reward innovative input, strengthening intrinsic motivation. The employees should also be given a chance to use their skills.

CONCLUSION

Innovation capability in technology firms is highly dependent on the organisational culture, work design and employees motivation. This report has suggested that performance issues encountered by Aether Innovations should have structural and cultural solutions to promote experimentation and integration of knowledge. Programs like innovation sprints, intrapreneurship programs and cross functional innovation teams institutionalise creativity into the daily work practices and models of hybrid work strike a balance between the work that is concentrated on individuals and the work that

is concentrated on collaborative problem solving. These practices can convert scattered knowledge of employees to sustainable innovation ability when combined with motivational mechanisms that encourage autonomy and education. Such strategies would consequently help Aether Innovations to enhance employee involvement and rejuvenate organisational development by innovating.

PART B – REFLECTIVE REPORT (USING GIBBS' REFLECTIVE CYCLE)

INTRODUCTION

Reflective practice is also important in the growth of managerial competence since it allows one to critically evaluate experiences and convert them into professional knowledge. The theory of experiential learning proposes that learning is a cyclic process that entails experience, reflection, conceptualisation and experimentation (Kolb, 1984). The reflective process has been quite applicable in the Human Capital Management module since the course has studied the impact of organisational culture, innovation management, performance systems and future work practices on organisational performance. At first, my understanding of HRM was mainly operational-based more so in selection and performance management. Nonetheless, by doing module discussions and case studies, I started to realise that the capability of organisations to innovate, motivation of employees and organisational competitiveness is a major aspect of HR practices.

DESCRIPTION

The module involved two learning tasks which have played significant role in helping me to understand human capital management. The former was a classroom case discussion that analysed how technology firms like Google and Spotify develop organisational cultures that facilitate innovation. The discussion discussed the impact of organisational structure, leadership behaviours and cultural norms on the readiness of employees to experiment and share ideas. The exercise enabled me to realise that organisational culture is a behavioural control system that defines the way employees

react to uncertainty and creative tasks. Schein (2010) explains that the organisational culture works by assuming and values that determine the behaviour of employees.

FEELINGS

At the beginning of the module, I had rather a narrow comprehension of the concept of HRM. My initial understanding of HR is that it was a clerical position that entailed the recruitment and training and performance evaluation. Therefore, I did not realise the strategic contribution that HR practices can have to organisational innovation and competitiveness. However, as the module progressed, I began to see that organisational culture and leadership behaviours are the elements that predetermine employee engagement and creativity (Schein, 2010).

EVALUATION

Reflecting on the learning process, the most beneficial aspect I had learnt during the module was the importance of organisational culture in its direct effect on the outcomes of innovation. Case studies of technology firms have shown innovation is not simply the invention of creative mind of individuals but it is also influenced by organisational systems that encourage experimentation and sharing of knowledge. Indeed, an illustrative case would be the organisational structures of Google and Spotify, which allow cross-functional cooperation and quick experimentation. Lessons of great importance included the importance of psychological safety in team innovation. The studies indicate that workers are better disposed to express their ideas and criticize the current practices when they are not afraid of the adverse effects (Edmondson, 2019).

ANALYSIS

On further reflection, I realised that culture, motivation and structural design interaction are critical to organisational innovation. Schein (2010) says organisational culture determines the behaviour of employees based on shared assumptions and values that guide decision making and risk-taking. Through experimentation and learning culture

adopted in the technology companies like Google, employees will be given the opportunity to present new ideas in a way that does not scare them off. Nonetheless, culture does not necessarily generate an innovation. Motivation of employees also becomes an important factor. According to the self determination theory, employees are more creative and engaged when organisations endorse autonomy, competence and relatedness (Ryan and Deci, 2000). To illustrate the motivation of innovativeness through autonomy, one can refer to Atlassian's ShipIt Days that enable employees to pursue new ideas that are not part of their daily work. Moreover, innovation involves team work in various fields of competence.

CONCLUSION

In general, the module had a great impact on my perception of human capital management. My initial understanding of the HR was based on the administrative role; however, after critical reflection, I realise that it plays a strategic role in the development of organisational innovativeness and performance. This is highly dependent on organisational culture, staff motivation and teamwork configurations which have a strong impact on the employee capacity to come up with and put up new ideas into practice. As such, the HR strategies have a key role in building organisational capabilities that can help firms to stay competitive in the changing environments. The learning experience has changed my understanding of HRM as a strategic force of organisational growth and innovation.

ACTION PLAN

These lessons will guide me in the future because I will ensure to study organisations cultures with an emphasis on learning, experiments and team-work. As a future manager, my first priority will be to establish the environment where the employees will not feel hesitant about sharing ideas and asking questions regarding the current practice. Studies indicate that psychological safety teams have increased chances of sharing knowledge and being innovative (Edmondson, 2019). As such, I will promote

open communication, cross-functional teamwork and ongoing learning programs with a view of ensuring that employees engage in organisational innovation and problem-solving.

AI AND THE FUTURE OF WORK

Artificial intelligence is also altering work nature in any field especially the knowledge-intensive ones. Big amounts of organisational data can now be analysed by AI technologies, automating the routine tasks and aiding the process of decision-making. The Microsoft Work Trend Index has shown that about 70% of the employees would prefer working flexibly, and digital solutions are being increasingly utilized to boost productivity and teamwork (Microsoft, 2022). In human resource management, AI is already deployed in the fields of automated recruitment screening, HR analytics and predictive workforce planning.

HUMAN COMPETENCIES THAT CANNOT BE SUBSTITUTED BY AI

Although AI systems can increasingly perform the duties of managers, there is still much that cannot be automated. Human judgement and situational cognition is needed in leadership, ethical decision-making, and emotional intelligence that AI systems do not have.

STRATEGIC USE OF AI IN HR

I would not take AI as a threat to managerial roles but I would think of it as an extra tool that should be utilized in order to make more decisions. All of the workforce trends, risks prediction of turnover, and training efficacy can be assisted by the HR analytics built with AI, which, in turn, can be applied to support managers. With the assistance of AI generated insights and human judgement, managers will be able to make more strategic decisions. Future HR managers, in their turn, will have to learn not only technical awareness but also management skills to be able to integrate AI technologies without losing the human aspect of organisational management.

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