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THE LINK BETWEEN PERCEIVED HRM PRACTICES AND EMPLOYEE INTENTION TO STAY

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Abstract

Purpose – This study seeks to explain the motivations behind employees' intention to stay in private higher education institutions (PHEI) in Malaysia. This study adds value by developing a conceptual framework that proposes perceived human resource management (HRM) practices as key role in explaining employees' intention to stay. Furthermore, this study argues that organizational citizenship behavior (OCB) is a potential mediator that might explain how employees' intention to stay occurs. In addition, this study proposes that leader-member exchange (LMX) moderates the relationship between OCB and employees' intention to stay. Design/methodology/approach – Relevant literatures are reviewed and assessed critically. Originality/value – This study explored the relationship between perceived HRM practices and employees' intention to stay in Malaysia's PHEIs. By using Social exchange theory, this paper proposes that perceived HRM practices are uniquely positioned to support the organization's performance in terms of employee intention to stay with the intervention of OCB and LMX.

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Keywords: Human Resource Management (HRM) Practices, Organizational Citizenship Behavior (OCB), Leader Member Exchange (LMX) and Employees' Intention to Stay.



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1. Introduction

The success of an organization depends on high-performing employees. High-performing employees the most valuable assets for the organizations and difficult to replace, so they become the key competitive advantage for an organization (Mello, 2011). The goals of every organization are to deliver services and make profit. These goals cannot be achieved without the contributions and support of competent and capable employees (Johanim, Tan, Zurina, Khulida, & Mohamad, 2012). However, some organizations face problems in retaining talented employees due to high turnover rate. One of the main challenges face by PHEIs in Malaysia is high lecturers' turnover rate. Lecturers' turnover rate in Malaysian PHEIs is at an alarming rate (Hashim & Mahmood, 2011; Zakaria, Jidi, Zani, Mislan, & Eshak, 2014; Sarahi, Zuraini, Sakdan, & Razli, 2017). According to National Higher Education Research Institute (2004), the turnover rate of lecturers in private universities and colleges was 45.45 percent respectively in 2004 (Rathakrishnan, Ng, & Tee, 2016). Malaysian Employers Federation (MEF) also reported that the average turnover rate for the education sector was 29.28 percent in 2011. The number of academic staffs in Malaysian PHEIs, showed a declining rate in the total number of academic staffs from 32,992 (the year 2010) to 24,476 (the year 2013) although the number of institutions keeps on growing (Department of Statistic Malaysia, 2015). Besides, Critical Skills Monitoring Committee (CSC) has reported that university and higher education professional academician is one of the critical occupations in Malaysia with a marginal growth of 11.06 percent in one-year period (Talent Corp critical Occupational list 2016/2017, p. 75).

The number of private higher education institutions in Malaysia is increasing in accordance to the country's intention to become an educational hub in the Asian region (Grapragasem, Krishnan, & Mansor, 2014). As of 31st March 2018, there are 53 private universities, 36 college universities, 10 branch campus of foreign universities and 378 colleges in the country (Ministry of Higher Education Malaysia, 2018). Table 01 provides information regarding the total number of PHEIs in Malaysia.

Table 01. List of Private Higher Education Institutions in Malaysia as at 31st March 2018

No	Categories Private Higher Education Institutions in Malaysia	Total
1	Universities	53
2	Branch campus of foreign universities	10
3	College universities	36
4	Colleges	378
	Total	477

The statistic presented in term of gross output, colleges and universities education registered the highest value of RM7.5 billion (69.9 percent) to the total (Department of Statistics Malaysia, 2016). Currently, PHEIs are facing intensive competition as many of them are struggling to position and rebranding themselves in the marketplace. However, the shortage of lecturers is a major problem to the education institutions. The turnover rate of lecturers mainly due to the dissatisfaction of HRM practices (Khan, Ahmed & Sarker, 2010). HRM practices such as recruitment and selection, training and development, performance appraisal, reward and recognition and career opportunities play a significant role in influencing employee attitude and behavior which can enhance employees' intention to stay in

organization in private higher education industry (Hong, Hao, Kumar, Ramendran, Kadiresan, 2012; Harun, Shahid, & Othman, 2016). HRM practices will be more successful and effective when the employees' voluntary to work extra beyond their official job descriptions. Hence, they will feel a sense of belonging to their organization and this voluntary behavior indirectly will help to enhance intention to stay. The voluntary behavior is referring to Organizational Citizenship Behavior (OCB) (Cesário & Magalhães, 2017). Thus, the existence of OCB in organizations is expected to increase intention to stay in the organization.

Support from a leader is also an important factor to encourage employee's OCB and intention to stay in the organization. According to Dansereau, Graen and Haga (1975), leaders develop different exchange relationship with their employees. Employees engaged in high quality social exchange relationship with employer tend to stay longer with organizations. Lo, Ramayah and Kueh Swee Hui (2006) emphasized in their study that the relationship between leader and members of the organization played a significant role in terms of motivating employees to perform citizenship behavior. High quality relationship positively associated with the employee retention (Ertuck & Vurgun, 2015).

To compete effectively and gain a competitive edge in a global marketplace, lecturers are always the most valuable assets for PHEIs to achieve its organizational goals. This also can be achieved by providing organizations with information on factors that influence intention to stay in the organization. Therefore, the purpose of this study to understand (1) how perceived HRM practices can promote intention to stay (2) how perceived HRM practices can encourage OCB from lecturers; (3) how OCB leads to intention to stay; (4) how OCB mediates the relationship between perceived HRM practices and (5) how the perception of LMX would further moderate the existing relationship between OCB and intention to stay.

2. Problem Statement

As highlighted in the previous section, PHEIs are facing high lecturers' turnover rate. The continuous leaving of lecturers may not be a good sign in the long run as lecturers not only act as the most valuable assets but also the disseminators of knowledge to students. Lecturers play a very significant role for the institutions in producing the highly capable and holistic graduates (Sarah et al., 2017). The issue of the lecturers' turnover in Malaysian PHEIs is alarming and given the fact that turnover is cost. Hence, it is argued that it would be more beneficial to investigate factors that may retain the lecturers for institutions and industry. Dubosc and Kelo (2011) reported that one important reason why employees leave the organization is due to the inappropriate HRM practices to address the challenges properly. Many organizations in Malaysia do not provide a continuous training program for their employees and reward and recognition are not adequate to provide the desired reward to the lecturers, less respect and recognition has been given to their contribution (Morris, Yaacob & Wood, 2004; Hong et al., 2012). These factors lead to the lecturers lose their interest in their jobs. They may have the intent to leave options either to accept better offers within or out of education industry. Besides that, the organization sometimes neglects to provide development programs for lecturers (Hong et al., 2012).

Branham (2005) suggested there are seven main reasons why employees leave; low pay, lack of recognition, limited career advancement, untrustworthy leadership, poor management practices,

unfulfilling jobs and dysfunctional work cultures. All these factors are closely linked to HRM practices, thus, a proper understanding of the relationship between perceived HRM practices and intention to stay will help organizations make the right decisions in achieving organizational goals and maximize their profits (Johanim et al., 2012). Although the previous study confirmed the link between HRM practices and intention to stay, but limited knowledge on the integration effect of perceived HRM practices, OCB and intention to stay has been reported. The relationship between perceived HRM practices and intention to stay may not be so simple, and the present study suggests that OCB might be mediating the relationship. Thus, this study proposes the integration effect of these variables in the context of PHEIs in Malaysia. OCB is proposed as a mediator since there are inconsistency findings regarding the relationship between HRM practices towards intention to stay (Chew & Chan, 2008; Johanim et al., 2012; Liew, Rahman, Patah & Rahman, 2016).

In addition, in explaining factors contributing to employees' intention to stay, it is essential to consider LMX as motivated employees to stay longer with an organization (Saeed, Waseem, Sikander & Rizwan, 2014; Ertuck & Vurgun, 2015). Thus, this present study proposes that their leader (direct supervisors) may have an important role to play in terms of intention to stay in the organization. To illustrate further, an employee will be motivated to perform his job if given sufficient guidance from leader through proper recruitment and selection, training and career opportunities, appraised through effective performance standard and rewarded equally according to performance standard. To date, the intervention of LMX in OCB and intention to stay study has received little attention from HRM and OCB literature. LMX has become a moderator for many different studies and contexts (Buch, 2015; Lo, Ramayah, Min & Songan, 2010; Johnson, Truxillo, Erdogan, Bauer & Hammer, 2009). Therefore, this study proposes to test the role of moderating variable (LMX) in the relationships between OCB and intention to stay among lecturers in the context of PHEIs.

3. Research Questions

The following sub-research questions are framed to answer the research questions:

- a) Does perceived HRM practices positively related to intention to stay in Malaysia's PHEIs?
- b) Does perceived HRM practices positively related to OCB?
- c) Does OCB positively related to intention to stay in Malaysia's PHEIs?
- d) Does OCB mediate the relationships between perceived HRM practices and employees' intention to stay in Malaysia's PHEIs?
- e) Does LMX moderate the relationship between OCB and employees' intention to stay in Malaysia's PHEIs?

4. Purpose of the Study

The following sub-research objectives are framed to accomplish the main objectives:

- a) To explore the relationship between perceived HRM practices and intention to stay in Malaysia's PHEIs.
- b) To explore the relationship between perceived HRM practices and OCB.

- c) To examine the relationship between OCB and intention to stay in Malaysia's PHEIs.
- d) To examine if OCB mediate the relationship between perceived HRM practices and intention to stay in Malaysia's PHEIs.
- e) To investigate if LMX moderates the relationship between OCB and intention to stay in Malaysia's PHEIs.

5. Research Methods

5.1. Research Methodology

To achieve the stated purposes and answer the research questions, a systematic review of literature was conducted by using an archival method. This research is grounded on a solid theoretical framework combined the secondary data. This study employs a methodology to review the articles cited in the databases such as Taylor and Francis Online, Sage, Science Direct, Springer link, Emerald and Wiley Online Library with the current topic of HRM practices, OCB, LMX, intention to stay and education. The secondary data analysis of current literature was studied in order to construct a solid theoretical structure as a foundation for this study.

5.2. Review of Literature

5.2.1. Intention to stay

Scholars have defined intention to stay in various ways, but it essentially means the intention of the employee to stay in the organization. An intention to stay is defined as employees have the willingness to stay in the current employment relationship on long-term basis (Johanim et al., 2012). This study defines intention to stay as willingness of the lecturers to stay longer in PHEIs. Thus, it would interest to explore intention to stay among lecturers in the context of PHEIs industry. Research on employees' intention to stay has been conducted by several researchers at the different context, industries, cultures and countries using different variables. Sengupta and Dev (2013) highlighted in their study that the employee' willingness to retain in the organization can be related with the personality of the individual, the characteristics of the job and the organization he or she is working for. Eketu and Ogbu (2015) also have studied the relationship between social intelligence and employee intention to stay among workers in the hospitality industry. They suggested that organization should encourage employees by sending them for training, seminars, conferences and workshops to avoid turnover (Eketu & Ogbu, 2015). Therefore, it is important to every organization to explore the factors that can increase employees' intention to stay.

5.2.2. Perceived Human Resource Management Practices

Many previous research HRM practices were covered in many different issues and contexts. Researchers and scholars have given several definitions of HRM Practices. According to Huselid (1995), the best HRM practices areas are recruitment and selection, socialization, job design, training and development, participation, career development, performance appraisal, employee reward and job

security. The most common cited practices of HRM practices include recruitment and selection, reward and recognition (Sanjeevkumar & Wee, 2012,), performance appraisal (Harun et al., 2016), training and development (Liew et al., 2016) and career opportunities (Asil, Akhlagh, & Maafi, 2013). In term of context, most of the past research that explored the influence of perceived HRM practices on intention to stay was focus on hospitality, manufacturing, construction and software industry (Eketu & Ogbu, 2015; Asil et al., 2013; Johanim et al., 2012; Liew et al., 2016). In regards to the role of HRM practices on individual outcomes, HRM practices also play a key role in influencing the attitudes and behavior of employees (Santhanam, Kamalanabhan, Dyaram, & Ziegler, 2015). Therefore, in the context of this study, the PHEIs must incorporate perceived HRM practices to enhance intention to stay. This study defines perceived HRM practices in four areas including recruitment and selection, training and development, performance evaluation, reward and recognition and career opportunities. Therefore, it is proposed that:

Proposition 1: Perceived HRM practices are positively related to intention to stay.

5.2.3. Organizational Citizenship Behavior

OCB has been defined as an “individual behavior that is discretionary, not directly and explicitly recognized by the formal reward system, and in the aggregate promotes the efficient and effective functioning of the organization” (Organ, 1988, p. 4). Kinicki and Kreitner (2008) defined OCB as behaviors consisting of employee behaviors that are beyond the job descriptions. Organ (1988) classifies five dimensions of OCB; conscientiousness, altruism, civic virtue, courtesy, and sportsmanship. In 2000 Podsakoff, MacKenzie, Paine, and Bachrach, have identified almost 30 different forms of behaviors in the examination of the literature and classified them into seven common dimensions (Podsakoff et al, 2000: 513-563): Helping behavior, sportsmanship, organizational loyalty, organizational compliance, individual initiative, civic virtue and self-development. This study defines OCB as the positive behaviors that lecturers contribute to their organization. Therefore, this study proposes unidimensional to measure OCB as a mediator to the relationship between perceived HRM practices and intention to stay.

OCB may support the role that HRM practices in determining the extent to which employees create an intention to stay their current employment relationship (Organ, Podsakoff & MacKenzie, 2005). Prior research has demonstrated that positive perceptions of HRM practices influence employees to exhibit more OCB (Lam, Chen & Takeuchi, 2009) and to be less likely to quit (Takeuchi & Takeuchi, 2013). Alfes, Shantz, Truss and Soane (2013) found that HRM practices were significantly related to OCB. It showed where employees’ perceptions of HRM practices were positive, OCB will enhance, and employee retention will increase. Previous evidence also indicates a positive relationship between OCB and employees’ intention to stay (Chinomona, Dhurup & Joubert, 2017). An employee with OCB, not only accomplish their job responsibilities but also to take care of those around them, such as assisting their co-workers. In addition, they tend to be more cooperative in the workplace and can tolerate with inconvenient. Consequently, employees with high OCB tend to stay in the organization for longer periods. Thus, it is interesting to investigate how HRM practices affect the intention to stay through their engagement of OCB. This present study highlight the role of OCB as a mediator that intervene in a

relationship between perceived HRM practice and employees' intention to stay in PHEIs. Therefore, it is proposed that:

Proposition 2: Perceived HRM practices are positively related to OCB.

Proposition 3: OCB is positively related to intention to stay.

Proposition 4: OCB mediates the relationship between perceived HRM practices and intention to stay.

5.2.4. Leader Member Exchange

Social exchange relationships have been studied in more recent years exchange relationships between supervisors and employees often referred to LMX (Blau, 1964). One important factor that employees take into consideration while deciding to stay with the organization is their perception of the relationship between leader and member. High-quality relationships between employee and leader will lead to employee commitment and retention (Cropanzano & Mitchell, 2005). LMX suggests that supervisors should treat their employees as individuals, understanding that each person is distinctive (Green, Craven, Scott, & Gonzales, 2006).

Measurement of LMX has changed over the years. This modification of the measure has occurred from our learning through research and theorizing about LMX. Moreover, although multiple factors were generated for the larger measures, the Cronbach alphas for the single measure were consistently in the 80%–90% range (Graen & UhlBein, 1995). The LMX-7 instrument has been widely used and has been shown to have predictive validity and internal reliability (Cogliser, Schriesheim, Scandura, & Neider, 1999). Therefore, this current study suggests one dimensional of LMX-7 to measure LMX as moderator to the relationship between OCB and intention to stay.

LMX has strongly significant relationship with OCB (Ozdevecioglu, Demirtas & Kurt, 2015; Hsiung & Bolino, 2018) and intention to stay (Bang, 2011). In particular, this has shown that employees who have high-quality LMX relationships are more likely to engage in OCBs, less likely to withdraw from the organization, and less likely to feel negative about their careers (Dulebohn, Bommer, Liden, Brouer & Ferris, 2012.). Thus, this is vital in PHEIs, since supervisors often need to influence and motivate subordinates to increase their commitment and effort. Therefore, this present study proposes the role of LMX as moderator to influence the relationship between OCB and intention to stay. Therefore, it is proposed that:

Proposition 5: LMX moderates the relationship between OCB and intention to stay.

6. Findings

As discussed in the literature review, this study proposes an integrated framework as depicted in figure 01 that highlights perceived HRM practices as the independent variable, while intention to stay is the dependent variable. OCB and LMX act as mediator and moderator respectively.

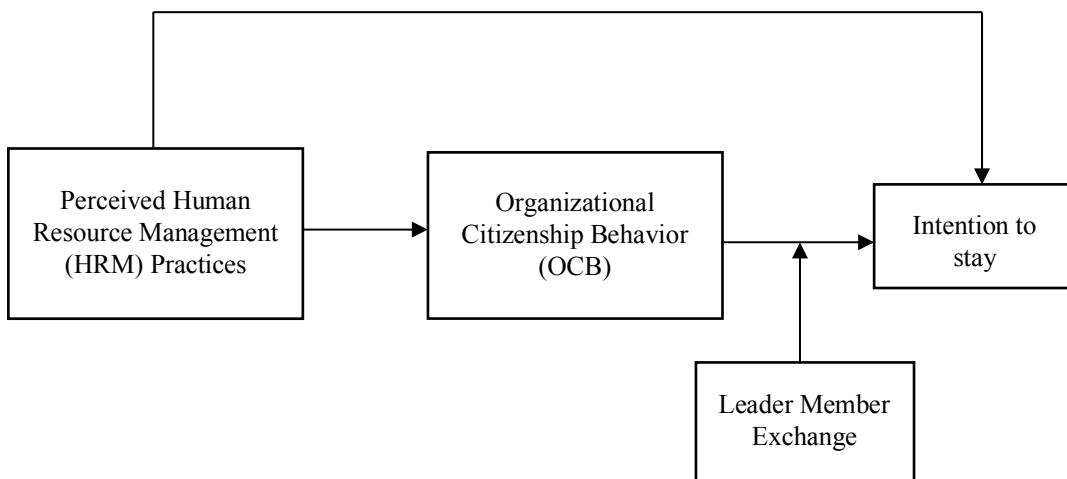


Figure 01. Conceptual Framework

7. Conclusion

In conclusion, the present study provides an expanded understanding of the impact of perceived HRM practices on intention to stay in the PHEIs industry. This study also provides fresh insights on relationship between perceived HRM practices, OCB and intention to stay. Furthermore, the current study also shed some light on the role of OCB as a mediator and LMX as a moderator. Besides that, other researchers can use this finding to deepen their understanding or to find the solution to these issues will be even better. Therefore, PHEIs need to emphasize on perceived HRM practices to enhance intention to stay. Overall, this study also has made significant contributions to the gaps in the literature by linking perceived HRM practices, OCB, LMX and intention to stay in the context of PHEIs in Malaysia.

References

- Alfes, K., Shantz, A. D., Truss, C., & Soane, E. C. (2013). The link between perceived human resource management practices, engagement and employee behavior: a moderated mediation model. *The international journal of human resource management*, 24(2), 330-351.
- Asil, S. M. N. P., Akhlagh, E. M., & Maafi, S. (2013). Analyzing the relationship between Human Resource Management (HRM) activities and employee's Intention to stay in the organization through organizational commitment. *International Journal of Agriculture and Crop Sciences*, 5(19), 2247.
- Bang, H. (2011). Leader-member exchange in nonprofit sport organizations. *Non Profit Management and Leadership*, 22(1), 85-105.
- Blau, P. M. (1964). Exchange and Power of SocialLife. New York: John Wileyand Sons.
- Branham, L. (2005). The 7 Hidden Reasons Employees Leave – How to Recognize the Subtle Signs and Act Before It's Too Late. Amacom.
- Buch R. (2015). Leader–member exchange as a moderator of the relationship between employee–organization exchange and affective commitment, *The International Journal of Human Resource Management*, 26(1), 59-79.
- Cesário, F., & Magalhães, S. (2017). Human resources management, citizenship behavior, and turnover intention in the portuguese public administration. *International Journal of Public Administration*, 40(11), 979-988.
- Chew, J., & Chan, C. C. (2008). Human resource practices, organizational commitment and intention to stay. *International journal of manpower*, 29(6), 503-522.

- Chinomona E., Dhurup, M., & Joubert P. A. (2017). Organizational Citizenship Behavior, Employee Perceptions of Equity, Organizational Commitment and Intention To Stay Of Employees In Zimbabwean SMEs. *International Journal of Business and Management Studies*, 9(1).
- Cogliser, C. C., Schriesheim, C. A., Scandura, T. A., & Neider, L. L. (1999). Balanced and unbalanced leadership relationships: A three-sample investigation into the outcomes associated with four different types of leader-member exchanges. In *annual meeting of the Academy of Management, Chicago, IL*.
- Cropanzano, R., & Mitchell, M. S. (2005). Social exchange theory: An interdisciplinary review. *Journal of management*, 31(6), 874-900.
- Dansereau Jr, F., Graen, G., & Haga, W. J. (1975). A vertical dyad linkage approach to leadership within formal organizations: A longitudinal investigation of the role making process. *Organizational behavior and human performance*, 13(1), 46-78.
- Department of Statistics Malaysia, 2016. Services Statistics Education (Private Sector) 2015. Retrieved September 20, 2017 from https://www.dosm.gov.my/v1/index.php?r=column/cthemeByCat&cat=328&bul_id=VTd6aUtNUHRGL1JJeXVQSkZUNHJrdz09&menu_id=b0pIV1E3RW40VWRTUkZocEhyZ1pLUT09
- Dubosc, F., & Kelo, M. (2011). *Human Resource Management in Public Higher Education in the Tempus Partner Countries. A Tempus Study. Issue 10*. Education, Audiovisual and Culture Executive Agency, European Commission. Available from EU Bookshop.
- Dulebohn, J. H., Bommer, W. H., Liden, R. C., Brouer, R. L., & Ferris, G. R. (2012). A meta-analysis of antecedents and consequences of leader-member exchange: Integrating the past with an eye toward the future. *Journal of management*, 38(6), 1715-1759.
- Eketu, C. A., & Ogbu, E. F. (2015). Social Intelligence and Employee Intention to Stay (A Study of Selected Hotel Workers in Port Harcourt City, Nigeria). *International Journal of Novel Research in Marketing Management and Economics*, 2(1), 27-34.
- Ertürk A., & Vurgun L. (2015). Retention of IT professionals: Examining the influence of empowerment, social exchange, and trust. *Journal of Business Research*, 68, 34-46
- Graen, G. B., & Uhl-Bien, M. (1995). Relationship-based approach to leadership: Development of leader-member exchange (LMX) theory of leadership over 25 years: Applying a multi-level multi-domain perspective. *The leadership quarterly*, 6(2), 219-247.
- Grapragasem, S., Krishnan, A., & Mansor, A. N. (2014). Current Trends in Malaysian Higher Education and the Effect on Education Policy and Practice: An overview. *International Journal of Higher Education*, 3(1), 85-93.
- Green, C. B., Craven, A. E., Scott, J., & Gonzales, L. G. (2006). Exploration of the relationship between LMX and demographic variables. *Journal of Business and Economic Research*, 4(12), 37-50.
- Harun S., Shahid S. A. M., & Othman A. K. (2016). The Influence of HRM Practices Towards PHEIs Non-Academic Staff Intention to Stay: A Conceptual Model. *Journal of Applied Environmental and Biological Sciences*, 6(5), 82-89.
- Hashim, R. A., & Mahmood, R. (2011). What is the state of job satisfaction among academic staff at Malaysian universities? *UNITAR e-Journal*, 7(1).
- Hong, E. N. C., Hao L. Z., Kumar R., Ramendran C., & Kadiresan V. (2012). An Effectiveness of Human Resource Management Practices on Employee Retention in Institute of Higher learning: A Regression Analysis. *International Journal of Business Research and Management (IJBRM)*, 3(2), 60-79.
- Huselid, M. A. (1995). The impact of human resource management practices on turnover, productivity, and corporate financial performance. *Academy of management journal*, 38(3), 635-672.
- Hsiung, H. H., & Bolino, M. C. (2018). The implications of perceived leader favouritism in the context of leader-member exchange relationships. *European Journal of Work and Organizational Psychology*, 27(1), 88-99.
- Johanim, J., Tan, F. Y., Zurina, A., Khulida K. Y., & Mohamad N. A. (2012). Promoting Employees' intention to stay: Do Human Resource Management Practices Matter? *International Journal of Economics and Management*, 6(2), 396– 416.

- Johnson, J., Truxillo, D. M., Erdogan, B., Bauer, T. N., & Hammer, L. (2009). Perceptions of Overall Fairness: Are Effects on Job Performance Moderated by Leader-Member Exchange? *Human Performance*, 22, 432–449.
- Khan, Z., Ahmed, J. U., & Sarker, S. M. A. E. (2010). Faculty mobility in the private universities: Developing country context. *KASBIT Journal of Management & Social Science*, 3, 7-24.
- Kinicki, A., & Kreitner, R. (2008). Organizational Behavior. Key concepts, skills and best practices. New York: MacGraw Hill.
- Lam, W., Chen, Z., & Takeuchi, N. (2009). Perceived human resource management practices and intention to leave of employees: the mediating role of organizational citizenship behavior in a Sino-Japanese joint venture. *The International Journal of Human Resource Management*, 20(11), 2250-2270.
- Liew, J. W., Rahman, R. A., Patah, S. A., & Rahman, A. A (2016). The Relationship between HRM Strategies and Intention to Stay. *Journal of Advanced Research in Social and Behavioral Sciences*, 4(1), 90-98.
- Lo, M. C., Ramayah, T., & Kueh Swee Hui, J. (2006). An Investigation of Leader Member Exchange Effects on Organizational Citizenship Behavior in Malaysia. *Journal of Business & Management*, 12(1).
- Lo, M. C., Ramayah, T., Min, H. W., & Songan, P. (2010). The relationship between leadership styles and organizational commitment in Malaysia: role of leader-member exchange. *Asia Pacific business review*, 16(1-2), 79-103.
- Mello, J. A. (2011). Strategic Management of Human Resources. Canada: Nelson Education, Ltd, 2(1), 27-34.
- Ministry of higher Education. Malaysia Education Blueprint 2015-2025 (Higher Education). Retrieved October 31st, 2017, from <https://www.mohe.gov.my/en/download/public/penerbitan/pppm-2015-2025-pt/5-malaysia-education-blueprint-2015-2025-higher-education?path=penerbitan/pppm-2015-2025-pt>
- Morris, D., Yaacob, A., & Wood, G. (2004). Attitudes towards pay and promotion in the Malaysian higher educational sector. *Employee Relations*, 26(2), 137-150.
- Organ, D. W. (1988). Organizational Citizenship Behavior: The Good Soldier Syndrome. Lexington: MA: Lexington Books.
- Organ, D. W., Podsakoff, P. M., & MacKenzie, S. B. (2005). *Organizational citizenship behavior: Its nature, antecedents, and consequences*. Sage Publications.
- Ozdevecioglu, M., Demirtas, O., & Kurt, T. (2015). The Effect of Leader-Member Exchange on Turnover Intention and Organizational Citizenship Behavior: The Mediating Role of Meaningful Work. In *Proceedings of the 9 th International Management Conference (Management and Innovation for Competitive Advantage)*.
- Podsakoff, M. F., MacKenzie, S. B., Paine, J. B., & Bachrach, D. G. (2000). Organizational Citizenship Behaviors: A Critical Review of the Theoretical and Empirical Literature and Suggestions for Future Research, *Journal of Management*, 26(3), 513-563.
- Rathakrishnan, T., Imm, N. S., & Kok, T. K. (2016). Turnover Intentions of Lecturers in Private Universities in Malaysia. *Pertanika Journal Social Science. & Humanities*, 24, 129 – 146.
- Saeed, I., Waseem, M., Sikander, S., & Rizwan, M. (2014), The relationship of Turnover intention with job satisfaction, job performance, Leader member exchange, Emotional intelligence and organizational commitment. *International Journal of Learning and Development*, 4(2), 242- 256.
- Sanjeevkumar, V., & Wei, W. (2012). A case study on determinants of human resource practices influencing retention of employees in Kedah State Development Corporation, Malaysia. *International Journal of Business and Social Research*, 2(2), 42-53.
- Santhanam, N., Kamalanabhan, T. J., Dyaram, L., & Ziegler. (2015). Examining the Moderating Effects of Organizational Identification between Human Resource Practice and Employee Turnover Intention in India Hospitality Industry. *GSTF Journal on Business Review (GBR)*, 4(1).

- Saraih, U. N., Ain Zuraini, Z. A., Sakdan, M. F., & Razli, A. (2017). Factors Affecting Turnover Intention among Academician in the Malaysian Higher Educational Institution. *Integrative Business and Economic Research*, 6(1), 1-15.
- Sengupta, S., & Dev, S. (2013). What makes employees stay? Exploring the dimensions in context of urban-centric business process outsourcing industry in India. *Strategic Outsourcing: An International Journal*, 6(3), 258-276.
- Takeuchi, N., & Takeuchi, T. (2013). Committed to the organization or the job? Effects of perceived HRM practices on employees' behavioral outcomes in the Japanese healthcare industry. *The International Journal of Human Resource Management*, 24(11), 2089-2106.
- Talent Corp critical Occupational list 2016/2017. Retrieved November 23rd, 2017 from https://www.talentcorp.com.my/clients/TalentCorp_2016_7A6571AE-D9D0-4175-B35D-99EC514F2D24/contentms/img/factfigures/TalentCorp_CriticalOccupationsList_Report_2016-2017.pdf
- Zakaria, N. Z., Jidi, M. M., Zani, A. M., Mislan, A., & Eshak, E. S. (2014). Job Mobility among Malaysian Academician: an Analysis of Predictors. *Proceeding of the Social Sciences Research ICSSR*, 488-497.