

Leadership Behaviour and Organisational Commitment of Academic Staff at Kyambogo University, Uganda

¹JOSHUA KIMATA KATO, ²WILSON MUGIZI, ³PETER KYOZIRA
& ⁴GRACIOUS KAAZARA ARIYO

^{1,2,3} *Department of Educational Planning and Management, School of Education,
Kyambogo University P.O. Box 1 Kyambogo, Kampala, Uganda*

⁴ *Avance International University P.O. Box 12385, Kampala, Uganda*

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Abstract

This study examined the influence of leadership behaviour on the organisational commitment of academic staff at Kyambogo University. Specifically, the study examined the influence of directive, supportive, participative and achievement-oriented leadership behaviours on the commitment of academic staff to their job. Using a positivist research paradigm, this correlational study involved a sample of 175 full-time academic staff of Kyambogo University. Data was collected using a self-administered questionnaire and analysed using Partial Least Square Structural Equation Modelling (PLS-SEM). The results indicated that while participative leadership behaviour positively and significantly influenced the organisational commitment of academic staff, directive and supportive leadership behaviours had a negative and insignificant influence on organisational commitment of academic staff. Nonetheless, achievement-oriented leadership behaviour had a positive but insignificant influence on academic staff job commitment. Therefore, directive leadership behaviour impedes the organisational commitment of academic staff, supportive leadership behaviour leads to low organisational commitment of academic staff, participative leadership behaviour is essential for the organisational commitment of academic staff, and achievement-oriented leadership behaviour contributes less to organisational commitment of academic staff. It was recommended that university leaders should minimise the use of supportive and directive leadership behaviours in preference for participative leadership behaviour while not entirely ignoring engagement in achievement-oriented leadership behaviour.

Keywords: *Achievement-oriented; Directive; Leadership behaviour; Organisational commitment, Participative; Supportive.*

Introduction

The concept of organisational commitment (OC) was introduced in scholarship by Becker (1960). Becker described OC as an attitude of consistent behaviour that endures over time. He argued that OC was a result of ‘side-bets’, that is the benefits associated with staying and working for an organisation such as organisational-specific skills, mortgage and status, among others, which an employee would lose if he/she was to leave an organisation (Joarder et al., 2020). Mowday et al. (1979) described organisational commitment as strong acceptance, participation in and loyalty to the organisation. Allen and Meyer (1990) indicated that OC described a three-component model that included affective (AC), continuance (CC) and normative commitment (NC). AC denotes the identification and emotional bond of employees with the organisation which makes them stay with the organisation. CC is the desire of employees to stay with an organisation due to the personal investments in the organisation, including relations with colleagues, security, career growth, contextual work skills and other accruing advantages that make it expensive to start again in another organisation. NC is the felt responsibility to stay with the organisation because of the investments made in it such as time, money, education and development.

Organisational commitment of academics is crucial for the success of universities because committed academics invest more effort in their work, which helps universities to achieve their goals and objectives. In addition, committed academics are less likely to engage in counterproductive behaviours, serve better, are more compatible, are productive, and exhibit higher levels of responsibility, loyalty and contentment (Mugizi et al., 2015). Further, OC affects other work-related outcomes like continued stay on the job, higher job effort, role fulfilment, and better job performance (Mwesigwa et al., 2020). Nevertheless, globally the organisational commitment of academic staff is low. For instance, in the USA, about 20% of academic staff in public universities exhibit low continuance commitment by leaving their positions annually (Ssali et al., 2019). In Austria, 68% of academics in public universities wished to quit their jobs, suggesting the existence of low affective and normative commitment (Ng’ethe, 2014). In Asian countries, the situation is not any different. For instance, Rathakrishnan et al. (2016) revealed that 18.18% of academic staff in public universities in Malaysia exhibited low commitment by leaving universities for other jobs, while in China, 50% of academic staff in public universities displayed low commitment by quitting their jobs (GuiXia & Rashid, 2019).

In Africa, the organisational commitment of academic staff, especially continuance commitment, is low. For example, in South Africa, close to 85% of academic staff in higher education institutions resign after serving between six and 10 years (Seeletse & Thabane, 2016). In Tanzania, 70.9% of academic staff also exhibit low continuance commitment by leaving universities, with 30% of academic staff leaving Dar es Salaam University between 2012 and 2016 (Amani & Komba, 2016). In Uganda, the Rwendeire Visitation Committee Report (2017) revealed that over 69 academic staff exhibited low continuance commitment by leaving Makerere University between 2015 and 2016. This was not far from the Auditor General’s Report (2018), which indicated that 78.8% of the academics at Busitema University displayed low commitment by not engaging in research and yet this is one of the core functions of university academic staff.

At Kyambogo University, which was the context of this study, academic staff seem to exhibit low organisational commitment, as indicated by Rwothumio et al. (2016), who

reported that academic staff delayed in marking and returning students' coursework scripts and that there was a high rate of absenteeism and low morale among the academic staff, besides poor delivery of lectures to students, revealing the existence of low affective and normative commitment. Nabunya et al. (2018) pointed out the prevalence of low innovation in instruction, supervision and community outreach among academics, indicating low affective and normative commitment. There existed a challenge of lecturers losing the coursework and examination marks of students and delays in issuing transcripts due to delayed submission of results by academic staff, which suggest low normative and affective commitment (Azikuru et al., 2017). On the other hand, Okello (2019) indicated that a challenge at Kyambogo University which affected the work attitudes of academic staff related to leaders' behaviour (university officials, deans and heads of departments) characterised by non-inclusiveness and incoherence. Kasule (2019) reported that Kyambogo University governance at both unit and institutional-wide levels was characterised by lack of effective representative committees, transparency in decision-making, genuine consultation processes and open channels of multi-directional communication. This study was thus attracted to examine whether the leadership behaviours of Kyambogo University leaders influenced the level of organisational commitment of the lecturers. Basing on the Path-goal Leadership Theory leadership behaviours, namely directive, supportive, participative and achievement-oriented leadership behaviours, this study tested the hypotheses to the effect that:

H1: Directive leadership behaviour has a statistically significant influence on the organisational commitment of academic staff.

H2: Supportive leadership behaviour has a statistically significant influence on the organisational commitment of academic staff.

H3: Participative leadership behaviour significantly relates to the organisational commitment of academic staff.

H4: Achievement-oriented leadership behaviour significantly relates to the organisational commitment of academic staff.

Theoretical Review

The Path-goal Leadership Theory by House (1971), which postulates that a leader's behaviour is significant for employees' positive work attitudes such as organisational commitment, informed this study. The Path-goal Leadership Theory posits that the leader should act in a way that builds upon an employee's strengths and address any weaknesses in order to increase his or her good work attitude (Nzeneri, 2020). Therefore, effective leaders, through their behaviours, guide subordinates to select the best option along the paths to achieve organisational goals (Jabbar & Hussin, 2019). The leaders influence their subordinates' work attitudes by providing the direction (directive leadership) and support (supportive leadership), and by giving employees the chance to participate in organisational activities (participative leadership) and setting achievable targets (achievement-oriented leadership) to ensure that the goals of employees are well-matched with the organisational goals (Sodikin & Fachrunnisa, 2022). Generally, the Path-goal Theory identifies four categories of leadership behaviours that influence employee work attitudes, namely

directive, supportive, participative and achievement-oriented leadership behaviours (Yan-Li & Hassan, 2018). Therefore, this study examined how leaders' behaviour in terms of directive, supportive, participative and achievement-oriented leadership behaviours influenced organisational commitment of academic staff at Kyambogo University.

Leadership Behaviours and Organisational Commitment

Leadership behaviour is a way by which the leader provides direction and goals through motivation and the definition of rules (Fries, 2021). Therefore, leadership behaviour relates to the characteristics exhibited by the leader in providing direction to his or her subordinates. The Path-Goal Leadership Theory identifies four leadership behaviours, namely directive, supportive, participative and achievement-oriented leadership behaviours (Yan-Li & Hassan, 2018). Directive leadership behaviour describes the leader's conduct that involves assigning tasks to subordinates, explaining the ways to complete the tasks, providing schedules for tasks, communicating performance standards, stipulating a clear set of guidelines as well as providing clear expectations for the performance of subordinates. As such, directive leadership behaviour produces high levels of employee commitment due to the clear rules of conduct it provides (Farhan, 2018). Supportive leadership behaviour refers to tendencies by which a leader offers emotional support to subordinates, as well as encouragement and understanding, and responds to their needs. Therefore, a leader's supportive behaviour enhances organisational commitment because it is a demonstration of a genuine interest in employees, and this is reciprocated with employee commitment to the organisation (Ashfaq et al., 2021).

Participative leadership behaviour describes the situation in which a leader encourages employee involvement in decision-making to facilitate effective organisational decisions and collaborative problem-solving. Thus, participative leadership enables employees to participate in decisions and to solve problems, hence better enhancing their organisational commitment (Adıgüzel et al., 2020). Achievement-oriented leadership behaviour involves the leader believing in the abilities of followers, encouraging ongoing performance and regularly conveying his or her goals and aspirations to subordinates with high-performing standards. As such, achievement-oriented leadership behaviour leads to employee commitment because subordinates are motivated since obstacles are removed, thus influencing organisational employee commitment (Olowoselu et al., 2019)

Scholars (e.g. Ongechi, 2018; Okello, 2018; Banjarnahor et al., 2018) related directive leadership behaviour to organisational commitment of employees. All these studies indicate that the two variables had positive and a significant relationship. On their part, scholars (Mwaisaka et al., 2019a; Rana et al., 2019) related supportive leadership behaviour to organisational commitment. Relatedly, in empirical studies, Okello (2018) and Rana et al. (2019) related supportive leadership behaviours to organisational commitment. Further, scholars (e.g. Adıgüzel et al., 2020; Bakare & Ojeleye, 2020; Banjarnahor, 2018; Ongechi, 2018; Okello, 2018) examined the link between participative leadership behaviours and organisational commitment. The findings indicated that the link was positive and significant. In addition, scholars (Mwaisaka et al., 2019b; Ongechi, 2018; Olowoselu et al., 2019) have investigated the link between achievement-oriented leadership behaviours and organisational commitment. Their findings indicated that the relationship was positive and significant. Although the above empirical studies suggested the existence of a positive

and significant association between the four leadership behaviours and staff commitment, they, however, revealed contextual and empirical gaps. For instance, except for the study conducted in a university by Banjarnahor et al. (2018), most of the studies were done in other contexts, hence not capturing the dynamics of educational institutions. For instance, studies by Ongechi (2018) and Mwaisaka et al. (2019a, 2019b) were done in the context of commercial banks, while Adigüzel et al. (2020) focused on employees in the manufacturing sector.

Still, studies that were done in educational institutions (e.g. Okello, 2018; Bakare & Ojeleye, 2020) were done outside Uganda and, hence, their findings may not be applicable to higher education institutions (HEIs) in Uganda owing to variations in organisational dynamics. At empirical level, there are studies that reported controversial results. For example, while all the other studies reported the existence of a positive link between leadership behavioural types and organisational commitment, in a study done in Kenya, Kasimu (2016) revealed no significant association between achievements-oriented leadership behaviours and organisational commitment. This suggests lack of agreement between the achievement-oriented leadership behaviour and organisational commitment among scholars. Thus, the above gaps attracted this study in the context of a university in Uganda to examine how leadership behaviour in terms of directive, supportive, participative and achievement-oriented leadership influences the organisational commitment of academic staff.

Methodology

This section covers the methodology that was the basis for data collection and analysis.

Research design and sample

This study adopted the correlational research design. Using this research design, the study collected data relating to variables to establish the association between them. The correlational design produced data that was the basis for determining the extent to which the predictor variables influenced the criterion variable. Data was collected from 175 respondents from a population of 406 full-time academic staff of Kyambogo University. The table developed by Krejcie and Morgan (1970) for determining the sample size from a given population was used to determine the sample. The sample was selected using stratified sampling, where academic staff were categorised according to faculties and schools and then randomly selected, which created an opportunity for every academic staff member to participate in the study. This helped in producing the results necessary for generalisation of the findings.

Measures of constructs

Leadership behaviour (independent variable) was measured in terms of directive, supportive, participative and achievement-oriented leadership behaviours with measurement indicators adopted from Yan-Li and Hassan (2018). Organisational commitment was measured in terms of affective, continuance and normative commitment basing on measurement indicators by Allen and Meyer (1996). The responses were measured on a five-point Likert scale with one (Strongly Disagree [SD]) representing the worst-case scenario and five (Strongly Agree [SA]) representing the best-case scenario.

Data collection and analysis methods

Data was analysed using Partial Least Square Structural Equation Modelling (PLS-SEM), specifically the SmartPLS 3 software owing to its ability to produce higher-order constructs, interaction terms and estimate of complex models with many latent variables (Sarstedt et al., 2020). Using SmartPLS, measurement models and structural equation models indicating the influence of leadership behaviour and organisational commitment of academic staff were established. Thus, using SmartPLS, the measures of the different constructs were established as well as the influence of the predictor variable on the outcome variable.

Findings

This section covers the empirical results of the investigation of this study into the leadership behaviour and organisational commitment of academic staff. The results include the demographic attributes of the study participants, measurement and structural equation models.

Demographic attributes of the study participants

The findings on the demographic characteristics of the academic staff who participated in the study show that the demographic attributes studied included sex, academic ranks, teaching experience and academic qualifications. The findings revealed that males were the majority percentage (72.0%), while the females were 28.0%. The results on the academic rank of academic staff show that a larger percentage (40.0%) were assistant lecturers, followed by lecturers (39.4%), senior lecturers (13.1%), associate professors (3.4%), graduate fellows (2.9%) and professors, at 1.1%. The results on teaching experience show that the larger percentage (74.3%) had spent over 5 years and above teaching, followed by 17.7% who had taught for 3 to 4 years, 5.1% for 1 to 2 years and 2.9% for less than a year. The results on academic qualification show that the larger percentage (48.6%) of the study participants had master's degrees, 48.0% had PhDs, 1.7% bachelor's degrees and another 1.7% had post-graduate diplomas. The demographic characteristics results indicate that various academic staff took part in the study. Therefore, the data collected was representative of the university academic staff.

Measurement models

The study determined content validity of the instruments by ensuring that the measures of the variables (independent and dependent variables) were fit for structural modelling. Validity tests included calculating average variance extracted (AVE), that is the extent to which constructs measuring a concept are theoretically related, heterotrait-monotrait (HTMT) discriminant validity (independence of constructs measuring a concept), and factor analysis, which establishes the validity of individual indicators of constructs. The results are shown in Table 1.

Table 1: AVE and heterotrait-monotrait (HTMT) discriminant validity assessment

Constructs	AVE	AC	CC	NC
AC	1.087			
CC	1.257	0.266		
NC	1.350	0.408	0.653	

Constructs		AO	DL	PL	SL
AO	0.610	0.432			
DL	0.617	0.768	0.769		
PL	0.514	0.794	0.465	0.909	
SL	0.554	0.458	0.629	0.908	0.703

Key: AC (Affective Commitment), CC (Continuance Commitment), NC (Normative Commitment), AO (Achievement-Oriented), DL (Directive Leadership), PL (Participative Leadership), SL (Supportive Leadership), AVE (Average Variance Extracted)

Table 1 shows that AVE values for the different constructs were above 0.5, which is the minimum level of convergent validity (Shrestha, 2021). Therefore, the various constructs were appropriate measures of the concepts as they attained convergent validity. In addition, Table 2 shows that the HTMT discriminant validity condition was fulfilled because all the values were below the maximum value of 0.90 (Purwanto & Sudargini, 2021). Therefore, the measures were discriminately valid. Further, reliability tests were carried out to establish whether the different constructs were reliable, hence appropriate for structural equation modelling. Reliability establishes whether indicators of each construct are internally consistent (Souza et al., 2017). Composite reliability (CR) and Cronbach's alpha (α) were used to determine the internal consistency of indicators measuring the different constructs. CR was preferred because of Cronbach's alpha limitation that all indicators of the construct are the same across the population, which lowers reliability values. Moreover, Cronbach's alpha is sensitive to the number of items in the scale, which typically results in underestimating internal consistency. However, CR is liberal since it considers the external characteristics of the indicator variables (Hair et al., 2020). Table 2 presents the reliability results.

Table 2: Cronbach's alpha and composite reliability for the study constructs

Organisational Commitment	Cronbach's Alpha (α)	Composite Reliability
Affective Commitment	0.813	0.859
Continuance Commitment	0.774	0.838
Normative Commitment	0.591	0.754
Achievement-Oriented	0.838	0.886
Directive	0.875	0.906
Participative	0.838	0.880
Supportive	0.899	0.918

Table 2 shows that, with the exception of normative commitment, Cronbach's alpha values were greater than the minimum value of 0.70, indicating that the indicators of the construct were internally consistent. For composite reliability (CR), all the values were higher than the minimum value of 0.70 (Purwanto & Sudargini, 2021). Since in this study CR was preferred because of its flexibility, the indicators of the constructs were reliable.

Structural equation model

Structural equation modelling was carried out to establish the measures of leadership behaviour and organisational commitment of academic staff and whether leadership behaviour influenced organisational commitment. The results are depicted in Figure 1.

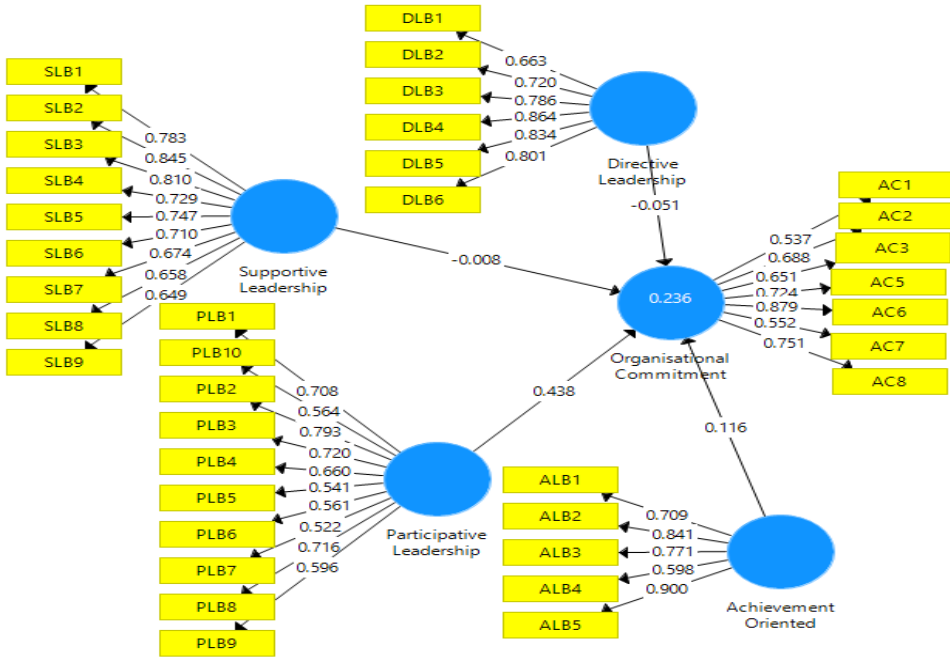


Figure 1: Structural equation modelling for leadership behaviour and organisational commitment

Figure 1 shows that four constructs, namely directive, supportive, participative and achievement-oriented leadership behaviours, measured the variable of leadership behaviour. The model shows that all the indicators of directive, supportive, participative and achievement-oriented leadership behaviours measured the constructs, as the factor loadings were above the minimum value of 0.50 (Sarstedt et al., 2021). However, for organisational commitment, out of the three constructs (effective, continuance and normative) only one (affective) proved to be an appropriate measure of the variable. Nonetheless, out of the eight indicators, only seven loaded highly with the fourth indicator dropped. Therefore, in the context of the university studied, organisational commitment was in terms of affective commitment. The model tested the hypotheses to find out whether i) directive leadership has a statistically significant influence on the organisational commitment of academic staff (H1), ii) supportive leadership behaviour had a statistically significant influence on the organisational commitment of academic staff (H2), iii) participative leadership behaviour relate to the organisational commitment of academic staff (H3), and iv) whether achievement-oriented leadership behaviour relates to the organisational commitment of academic staff (H4). Hypothesis test results in Figure 1 are presented with the structural model estimates in Table 3.

Table 3: Structural equation model estimates for leadership behaviours and organisational commitment

Leadership Behaviour and Organisational Commitment	B	Means	STD	T	P
Directive Leadership Organisational Commitment	-0.051	-0.028	0.089	0.575	0.566
Supportive Leadership Organisational Commitment	-0.008	0.012	0.116	0.067	0.946
Participative Leadership Organisational Commitment	0.438	0.426	0.138	3.184	0.002
Achievement-Oriented Organisational Commitment	0.116	0.124	0.097	1.186	0.236
R ² = 0.236					
Adjusted R ² = 0.216					

The results in Table 3 revealed that directive ($\beta = -0.051$, $t = 0.575$, $p = 0.566 > 0.05$) and supportive leadership behaviours ($\beta = -0.008$, $t = 0.067$, $p = 0.946 > 0.05$), respectively, negatively and insignificantly influenced the organisational commitment of academic staff. Nevertheless, participative leadership behaviour ($\beta = 0.438$, $t = 3.184$, $p = 0.002 < 0.05$) positively and significantly influenced the organisational commitment of academic staff, while achievement-oriented leadership behaviour ($\beta = 0.116$, $t = 1.186$, $p = 0.236 > 0.05$) positively but insignificantly predicted the organisational commitment of academic staff. The path model estimates show that the four leadership behaviours, namely directive, supportive, participative and achievement-oriented leadership behaviours, contributed a 23.6% ($R^2 = 0.236$) variation in the organisational commitment of academic staff, while the 76.4 variation in organisational commitment was attributed to other factors not considered in this study. However, the significant factor, namely participative leadership behaviour, contributed 21.6% (adjusted R^2) variation in organisational commitment of academic staff. The coefficient of determination suggested that 78.4% of variation in the organisational commitment of academic staff was accounted for by other factors not considered in this study.

Discussion

The results revealed that the implementation of directive leadership behaviour negatively and insignificantly influenced the organisational commitment of academic staff. This is contrary to the findings of scholars like Banjarnahor et al. (2018) and Ongechi (2018), who reported a positive and significant link between directive leadership behaviour and organisational commitment. Further, the findings were contrary to the Path-goal Theory (House, 1971), which asserts that directive leadership significantly influences employee organisational commitment. Since the results of this study contradict those of all prior researchers, it can be adduced that the way directive leadership was implemented at Kyambogo University did not improve the organisational commitment of academic staff. This was because of the leaders' emphasis on always reminding academic staff about what was expected of them, strictly emphasising standard guidelines and regulations, and

explaining the level of performance expected of them in a way that undermined academic staff commitment to their responsibilities.

The results also revealed that supportive leadership had a negative and insignificant link with organisational commitment. This finding did not agree with that of earlier researchers such as Ab Rahman and Jantan (2020), Kasimu (2016), Okello (2018) and Ongechi (2018), who found a positive and significant link between supportive leadership behaviour and organisational commitment. Further, the findings were contrary to the Path-goal Leadership Theory (House, 1971), which opines that supportive leader influences employee organisational commitment. The results of the study being contrary to the findings of prior researchers means that supportive leadership behaviours exercised by leaders at the university did not significantly influence the commitment of academic staff. The leaders put little emphasis on friendly working relations, did not understand the points of view of academic staff and did not create a pleasant working environment. The findings, however, revealed that participative leadership behaviour positively and significantly impacted the organisational commitment of academic staff. This is in agreement with studies such as Adigüzel et al. (2020) and Bakare and Ojeleye (2020), which revealed that participative leadership behaviours significantly impact the organisational commitment of academic staff. This means that participative leadership behaviour of the university leaders significantly influenced the organisational commitment of academic staff.

Further, the results revealed that achievement-oriented leadership behaviour positively but insignificantly impacted the organisational commitment of academic staff. The results are not in line with the findings of most previous researchers. For example, Mwaisaka et al. (2019b), Olowoselu et al. (2019) and Ongechi (2018) agreed that achievement-oriented leadership had a positive and significant link with organisational commitment. The findings of this study being inconsistent with the results of previous researchers implied that achievement-oriented leadership behaviours used by leaders at Kyambogo University minimally promoted the organisational commitment of academic staff. The leaders emphasised letting academic staff know that they are expected to work at their highest level, setting challenging performance goals, and demanding continued improvement in performance without recognising their effort.

Conclusion

The study concluded that participative leadership behaviour is essential for the organisational commitment of academic staff, especially when university leaders listen receptively to ideas and suggestions of the academic staff, involve them in different administrative activities and listen to their suggestions even when they disagree with them. Directive leadership behaviour may enhance the organisational commitment of academic staff, especially when the communication style is unidirectional, from top to bottom, when university leaders always remind academic staff about what is expected of them, emphasise standard guidelines and regulations, and explain to them the level of performance expected of them. The implementation of supportive leadership behaviours may lead to low organisational commitment of academic staff, especially when leaders' support is seen as hypocritical and cosmetic, as opposed to being genuine. The study also concluded that the implementation of achievement-oriented leadership behaviours may

somewhat contribute to organisational commitment of academic staff especially when leaders and subordinates mutually agree on the expectations, and performance goals with leaders demanding for continued improvement in performance in a measured tone.

Recommendations

The study recommends that university leaders should improve on the implementation of supportive leadership behaviour to promote the organisational commitment of academic staff. This should involve cultivating genuine friendly working relations, understanding the points of view of academic staff and creating a pleasant working environment (Banjarnahor et al., 2018). Further, university leaders should sustain the use of participative leadership behaviour to deepen the organisational commitment of academic staff. As Olowoselu et al. (2019) advised, they should continue to: receptively listen to the ideas and suggestions of academic staff; involve them in different administrative activities; and respectfully disagree with them. University leaders should, also, learn how achievement-oriented leadership behaviour can be impactful. They should appreciate that the potency of such behaviour on staff commitment depends on how much staff value the set goals and their expectancy of attaining those goals (Lumbas et al., 2016). Finally, university leaders need to learn the best way of engaging in directive leadership behaviour to enhance its impact on staff commitment. As noted by previous scholars (Mutmainnah et al., 2022), the quality of direction offered and how this is done by leaders can have a direct impact on staff commitment. In agreement with the above scholars, the current study contends that leaders at Kyambogo University should act as role models to earn respect, trust and admiration from staff. Through intellectual stimulation, leaders will, then, be able to encourage staff to take on challenging tasks.

Limitations

Several drawbacks, that provide opportunities for other studies, emerged from the study. First, the results for most of the hypotheses were contrary to what was hypothesised. For instance, except for participative leadership behaviours, the hypotheses about the influence of directive, supportive and achievement-oriented leadership behaviour were rejected. Since this study was conducted in one public university, future scholars should further test these hypotheses in several universities, including private ones. In addition, future researchers should conduct a national survey on both public and private universities to achieve more general and comparable results. Finally, this study used the positivist approach to make inferences for generalisation of the findings. Future scholars should use the mixed-methods approach for in-depth exploratory analysis.

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