Impact of Retrenchment Strategies on the Existing Employees in Indian IT Industry

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Abstract

Retrenchment strategies are increasingly vital for organizations facing financial pressures, particularly in India's competitive IT industry. This study examines their impact on employees across five dimensions: cost reduction, divestment, workforce restructuring, operational efficiency, and transparency. Data were collected from 328 IT employees using a structured questionnaire and analyzed with SPSS to assess effects on perceptions, morale, and performance. Results indicate that cost reduction measures, including layoffs and pay cuts, heighten stress and job insecurity, while divestment creates uncertainty about organizational direction. Workforce restructuring, though intended to streamline operations, often results in role overload and reduced engagement. In contrast, operational efficiency initiatives are viewed more favorably, as employees associate them with sustainability. Transparency emerged as a critical moderating factor; open communication and fairness mitigated much of the negative psychological impact of retrenchment. The findings highlight that while retrenchment may be unavoidable, its implementation strongly shapes employee attitudes and commitment. The study provides insights for HR managers to balance financial goals with humane practices that support organizational resilience.

Keywords: Cost Reduction, Divestment, Workforce Restructuring, Operational Efficiency, and Transparency.

Introduction

In the fast-paced corporate world of the twenty-first century, retrenchment as a strategic choice has grown in popularity. Retrenchment strategies are frequently used as a way to cut costs, restructure operations, and preserve competitiveness in the Information Technology (IT) sector, where businesses must contend with swift technological disruptions, international competition, and economic uncertainties (Datta et al., 2010). Although the main goal of retrenchment is to ensure the survival and effectiveness of the company, its effects go beyond the workforce that is displaced and have a substantial impact on the productivity, psychological health, and morale of the remaining workers (Cameron, 1994; Cascio, 2002).

Retrenchments have occurred in the Indian IT sector, which is well-known for its worldwide reach and ability to create jobs, especially during times of economic downturn, automation adoption, and changes in customer demand. In

order to adjust to shifting market conditions and technical improvements, Indian IT businesses like Infosys, Wipro, and Tech Mahindra have implemented labor reduction, according to NASSCOM (2023). Despite being economically sound, such layoffs frequently foster a culture of uncertainty, fear, and diminished trust among remaining staff members (Gandolfi & Hansson, 2011).

According to studies, retained workers—often referred to as "survivors"—may suffer from the survivor syndrome, which is typified by feelings of guilt, fear, and diminished dedication (Noer, 1993; Mishra & Spreitzer, 1998). These phenomena can have long-term effects on organizational performance in addition to affecting staff morale. Understanding how retrenchment methods affect current workers is essential for long-term organizational success in the Indian IT sector, as human capital is the main factor influencing competitiveness (Budhwar, Varma & Patel, 2020). Thus, the purpose of this study is to investigate how retrenchment tactics affect current workers in certain Indian IT organizations. In order to help HR managers and legislators create more sustainable and compassionate policies, the research will examine factors including work engagement, stress levels, organizational commitment, and job satisfaction.

Literature Review

In their paper Engaging workers in reduced firms: situation of the Indian IT/ITES sector, Binita Tiwari and Usha Lenka (2017) offer a thorough examination of how retrenchment tactics affect employee engagement in the Indian IT/ITES sector." The psychological effects of layoffs are emphasized, including decreased productivity, morale, and trust among survivors. Importantly, the article outlines organizational enablers that might offset disengagement, including clear communication, resonant leadership, and chances for ongoing learning. According to the authors, companies that make investments in engagement strategies after downsizing are better equipped to maintain employer brand equity and long-term competitiveness in a talent-driven industry. According to a 2020 research by C. L. Kao, workers who stay after downsizing face increased workloads, operational bottlenecks, and decreased process efficiency. These results directly affect Indian IT companies, as cost-driven layoffs are frequently used to maintain profit margins during recessions, but they also run the danger of reducing productivity by causing staff stress and burnout.

According to a research by G.K. Patton (2024), survivors frequently experience heightened uncertainty, diminished teamwork, and dissolved trust. This disturbance has the potential to jeopardize both project outcomes and employee happiness in IT firms, where project execution significantly depends on coordinated cooperation. In order to reestablish cohesiveness, the article emphasizes the necessity of post-retrenchment interventions and organized team rebuilding. D. Ritter-Hayashi et al. (2020), downsizing usually results in less innovation in processes and products since survivors lose knowledge and morale. However, this drop can be lessened by businesses who implement skill-development and labor flexibility initiatives at the same time. This implies that retrenchment without concurrent reskilling measures might impede technical growth in a global market that is heavily reliant on innovation for Indian IT enterprises. The term "survivor syndrome," which includes feelings of guilt, worry, diminished allegiance, and disengagement, was first used by L. A. Isabella in (1989). Despite being carried several decades ago, these findings are still very applicable to the Indian IT sector today, as quick cycles of recruiting and firing lead to comparable psychological dynamics among staff members.

The research by M.F.R.K. De Vries (1997) emphasizes how survivors' performance deteriorates, their organizational commitment declines, and they lose their identities. De Vries points out that workers frequently perceive downsizing as a breach of psychological contracts, which lowers trust and increases plans to leave. These findings help Indian IT companies understand why survivors frequently stop working following widespread layoffs, even when they still have jobs. S. Lee (2023) examines how survivors view fairness and how these views affect coping strategies in his book The Experiences of Layoff Survivors: Navigating Organizational Justice and Coping. According to the article, survivors' stress is buffered and disengagement is decreased when they feel organizational fairness, particularly when it comes to layoff decision transparency. This implies that layoff procedures that are fair and transparent can lower survivor turnover and restore employee confidence for Indian IT organizations. Kim, Y. (2025) avoiding more turnover following downsizing: the importance of managerial practices highlights how proactive HR strategies may lessen the consequences of layoffs. Retraining, redeployment, and open selection procedures are among strategies that support survivors in staying dedicated. In Indian IT businesses, where high turnover rates might deteriorate if survivor concerns are not addressed after downsizing, this approach is especially pertinent.

This study by Mohana, Santosh, Kumari, M. R., & Sudarsan, K. (2021) attempts to investigate the elements of "Job Performance" for workers in Chennai's IT sector. The study uses Confirmatory Factor Analysis (CFA) to compress a collection of 13 factors into a list of three easily understood talent management determinants for a sample of 222 respondents. A model of how talent management determinants affect employee job performance is put forward in this study. According to the survey, employee work performance is greatly impacted by leadership, compensation, and talent retention. Therefore, by focusing on the aforementioned aspects, IT organizations may enhance employee work performance. The organization's production will increase as a result.

Galvão, R., & Varela, M. (2024), the IT industry has seen a surge in hybrid work models that combine onsite and remote solutions. With an emphasis on onsite and remote work, flexibility, communication, and safety, this study investigates their effects on the job satisfaction of computer workers. Results from structural analysis, CFA, and reliability tests indicate a strong positive correlation between job satisfaction with both onsite and remote work. Flexibility and effective communication emerged as key drivers, while safety, though smaller in effect, still had a meaningful impact. The results imply that improving hybrid rules with a focus on safety, communication, and flexibility can improve IT workers' job happiness.

Mohana, S., Santosh, K., & Jahnavi, M. (2022) the study uses multiple linear regression, reliability analysis, and CFA on a sample of 413 respondents to investigate how strategic management methods affect employee performance in Telangana's higher education sector. Four characteristics environmental scanning, strategy creation, strategy execution, and assessment & control were used to aggregate fifteen strategic management practice components. The results show that all four have a considerable impact on employee performance, but the execution of the plan has the most effect. Environmental scanning, strategy design, and assessment & control follow. According to the study, in order to improve employee performance, higher education institutions had to give priority to these activities.

Mohana, S., & Subramanyam, P. (2021) the study investigates the organizational performance composition of workers in the Rayalaseema Region's cement industry. The study reduced 24 variables into six essential characteristics of talent management strategies using multiple linear regressions, confirmatory factor analysis (CFA), and reliability tests on a sample of 286 respondents. The results offer a model that illustrates how these characteristics—talent acquisition and retention, learning and motivation, performance management, remuneration, career development, and succession planning affect the performance of a company. The findings imply that these elements have a major impact on performance, highlighting the necessity for cement businesses to improve overall organizational outcomes by fortifying their personnel management procedures in these domains.

Balakumar, A., Mohana, S., Kumar, M. S., & Santosh, K. (2024, November) emotional intelligence (EI) is crucial for effective leadership in order to motivate teams and handle stress. Conventional leadership frequently ignores feelings, which produces unproductive results. This study suggests an approach based on Emotional Intelligence (EI) frameworks, emphasizing interpersonal communication, empathy, and self-awareness as critical competencies. Positive work environments are fostered by leaders who receive specialized training and coaching on how to properly control their emotions. Research demonstrates that emotionally intelligent leadership enhances stress reduction, motivation, and productivity. Organizations may improve employee happiness, collaboration, and resilience by using EI concepts. The suggested approach was put into practice and tested using Python.

Research Gap

Although the development, globalization, and talent management of the Indian IT sector have been extensively researched, little is known about how retrenchment tactics affect remaining staff members. Previous research has mostly concentrated on structural and financial results, ignoring behavioral and psychological impacts such stress, low morale, job instability, and decreased involvement. These disparities are substantial in India, where IT is essential for job creation and economic expansion. Furthermore, little is known about how firm-specific practices or variations in retrenchment tactics affect employee attitudes, performance, and organizational sustainability because these factors are rarely taken into account in studies. Closing this gap can help managers and legislators create successful and compassionate layoff policies.

Research Problem

Global competitiveness and economic progress have benefited greatly from the Indian IT sector. However, recent automation, cost-cutting, and global market instability have prompted many businesses to implement retrenchment tactics including downsizing and layoffs. Despite being intended to increase productivity and financial security, these policies frequently lead to stress, uncertainty, and job instability. Their effects are not limited to displaced workers; they may also affect retained staff members, who may have issues with productivity, trust, and morale. The necessity to strike a balance between financial objectives and employee well-being is highlighted by the paucity of empirical study on the effects of retrenchment on the attitudes, behaviors, and performance of current employees, despite its increasing significance.

Research Objectives

1. To identify the key dimensions of retrenchment strategies adopted in the Indian IT industry.

2. To measure the impact of dimensions of retrenchment strategies on existing employees in the Indian IT industry.

Research Hypothesis

- **H01:** There is no significant impact of the dimensions of retrenchment strategies on existing employees in the Indian IT industry.

Statistical Tools

To ensure the robustness of the measurement instrument, a **Reliability Test (Cronbach's Alpha)** was conducted to assess the internal consistency of the questionnaire items across different dimensions of retrenchment strategies and their impact on existing employees. A Cronbach's Alpha value of 0.70 or above was considered acceptable for reliability. Following this, an **Exploratory Factor Analysis (EFA)** was applied to identify the underlying factor structure and to confirm the grouping of statements into meaningful dimensions such as cost reduction, workforce restructuring, communication, and employee support mechanisms. Principal Component Analysis with Varimax rotation was used to extract factors and reduce data to key constructs. Finally, **Multiple Linear Regression Analysis** was employed to examine the impact of retrenchment strategies (independent variables) on the responses of existing employees in terms of morale, job satisfaction, trust, and performance (dependent variables). This enabled the study to establish the extent to which specific retrenchment practices influenced employee outcomes within the Indian IT industry context.

Sampling procedure

For this study we will use a sample of **328 retained employees** from selected IT companies in Hyderabad. The sample will be drawn using **proportionate stratified random sampling** to ensure representation across important strata company size, job level, and functional area. Proportionate allocation will assign respondents to each stratum in proportion to their presence in the target population, and individual respondents within each stratum will be selected by simple random sampling (employee lists provided by HR or official rosters will be used as sampling frames). Inclusion criteria: current employees who experienced or were exposed to retrenchment announcements in their organization and who have at least six months' tenure; contractors and interns will be excluded. The chosen sample of 328 balances statistical precision with practical constraints (time and access) it gives adequate power to detect medium-sized effects and produces stable subgroup estimates across the planned strata. If resources permit and higher precision is required, the sample can be increased.

Data synthesis

Reliability Test

Table: 1. Case Processing Summary

		N	%
Cases	Valid	328	100.0

	Excluded[a]	0	.0
	Total	328	100.0

a. Listwise deletion based on all variables in the procedure.

Table: 2. Statistics

Cronbach's Alpha	N of Items
.849	16

A high degree of internal consistency among the questionnaire statements is shown by the Cronbach's Alpha rating of 0.849 for the 16 items. The reliability coefficient indicates that the items are assessing the construct of retrenchment techniques in a reliable manner because it is significantly higher than the generally recognized cutoff of 0.70. Stated differently, the study's scale has high reliability and is appropriate for additional statistical analysis and interpretation.

Exploratory Factor Analysis

Table: 3. **KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.838
Bartlett's Test of Sphericity	Approx. Chi-Square	1901.774
	df	120
	Sig.	.000

The sample is "meritorious" and extremely sufficient for factor analysis, according to the Kaiser-Meyer-Olkin (KMO) Measure of Sampling Adequacy score of 0.838. Additionally, the statistical significance of Bartlett's Test of Sphericity (χ^2 = 1901.774, df = 120, p < 0.000) demonstrates that the correlation matrix is not an identity matrix. This suggests that there is enough correlation between the variables for factor analysis to find structure.

Table: 3. Total Variance Explained

Component	Initial Eigen values			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	5.270	32.936	32.936	5.270	32.936	32.936	3.220	20.122	20.122
2	1.818	11.360	44.296	1.818	11.360	44.296	2.108	13.172	33.294
3	1.271	7.941	52.237	1.271	7.941	52.237	2.086	13.035	46.330
4	1.214	7.591	59.828	1.214	7.591	59.828	1.941	12.133	58.462
5	.928	5.802	65.630	.928	5.802	65.630	1.147	7.168	65.630
6	.883	5.519	71.149						
7	.777	4.854	76.003						
8	.654	4.090	80.093						

9	.566	3.539	83.632						
10	.509	3.183	86.815						
11	.476	2.977	89.792						
12	.451	2.818	92.609						
13	.369	2.307	94.916						
14	.310	1.937	96.853						
15	.299	1.871	98.725						
16	.204	1.275	100.000						
Extraction Method: Principal Component Analysis.									

Using Varimax Rotation with Kaiser Normalization, five distinct components were found from the study's 16 variables. Each factor is composed of variables with factor loadings greater than 0.5. The five factors, which were created by combining the 16 variables, collectively accounted for 65.630% of the variation in the significant critical characteristics of the retrenchment tactics used in the Indian IT sector.

Table: 5. Rotated Component Matrix

Statements	Component				
	1	2	3	4	5
The organization reduced operating expenses through layoffs or salary reductions.	.818				
Cost-cutting measures were implemented fairly across all departments.	.803				
Retrenchment decisions were primarily aimed at minimizing financial losses.	.689				
Fair severance packages were provided to retrenched staff.	.659				
Non-profitable ventures/business units were discontinued.	.600				
The organization sold or divested non-core assets to improve financial stability.		.796			
Plant/unit closures were considered as part of the retrenchment strategy.		.782			
Outsourcing was adopted to reduce fixed costs.		.636			
Employees were redeployed or reassigned to different roles to retain talent.			.785		
Voluntary retirement or separation schemes were offered.			.766		
The restructuring resulted in a leaner organizational structure.			.680		
Business processes were redesigned to improve efficiency.				.841	
The organization reduced wastage and duplication of work.				.833	
Management communicated retrenchment decisions clearly to employees.					.721
Employees were given adequate information regarding retrenchment policies.					628

The correlation between each variable and the retrieved components is shown in the matrix above. Each variable usually has a mild correlation with the other components and a large association with one. The variable with the greatest value in each row is chosen as a component of the relevant factor in order to determine which variables belong to each

factor. To assist organize the 16 variables into five primary categories and eliminate those with low loadings, the highest values in each row have been highlighted.

Multiple Linear Regressions

In order to access the impact of independent variables on existing employees as a dependent variable, enter a method of multiple regressions was applied

Table: 6. **Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.719[a]	.517	.509	.699	1.879
a. Predictors: (Constant), Cost Reduction, Divestment, Workforce Restructuring, Operational Efficiency, and Transparency.					
b. Dependent Variable: existing employees.					

Existing workers' attitudes and the retrenchment plan dimensions cost reduction, divestiture, workforce reorganization, operational efficiency, and transparency have a substantial positive correlation (R = 0.719), according to the regression model. The modified R Square (0.509), which takes into consideration the number of predictors, validates the model's dependability. The R Square value of 0.517 suggests that these retrenchment factors may account for around 51.7% of the variation in the replies of current workers. A reasonable degree of prediction accuracy is shown by the standard error of estimate (0.699). Furthermore, the Durbin-Watson value (1.879) is within the permissible range (around 2), suggesting that there are no notable autocorrelation problems with the model. All things considered, the findings suggest that retrenchment tactics significantly affect how current workers see organizational changes.

Table: 7. ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	168.408	5	33.682	68.885	.000[b]
	Residual	157.443	322	.489		
	Total	325.851	327			
a. Dependent Variable: existing employees.						
b. Predictors: (Constant), Cost Reduction, Divestment, Workforce Restructuring, Operational Efficiency, and Transparency.						

According to the ANOVA results, the regression model is statistically significant (F = 68.885, p < 0.001), indicating that the dependent variable, current employees, is significantly impacted by the predictors of cost reduction, divestiture, workforce restructuring, operational efficiency, and transparency taken together. A significant amount of the variance in the dependent variable can be explained by the model (Regression Sum of Squares = 168.408 out of a Total Sum of Squares of 325.851). Therefore, retrenchment strategy features have a significant role in forecasting current employees' reactions.

Table: 8. Coefficients

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		

1	(Constant)	.538	.175		3.071	.002
	Cost Reduction	.189	.041	.222	4.598	.000
	Divestment	.184	.043	.210	4.250	.000
	Workforce Restructuring	.201	.044	.226	4.553	.000
	Operational Efficiency	.109	.039	.121	2.789	.006
	Transparency	.206	.052	.191	3.921	.000
a. Dependent Variable: existing employees.						

All five retrenchment strategy dimensions—cost reduction, workforce restructuring, operational efficiency, and transparency—have a significant impact on current employees, according to the regression analysis. This is demonstrated by their positive standardized coefficients and high significance levels ($p < 0.01$). The biggest predictors among them are workforce restructuring ($\beta = .226$) and cost reduction ($\beta = .222$), indicating that employee attitudes and retention are directly impacted by job redesign, redeployment, or reduction. Another important factor is transparency ($\beta = .191$), which emphasizes how open and transparent communication during layoffs contributes to preserving employee confidence. Employees view asset reduction and non-core business exits as stabilizing strategies for organizational sustainability, as evidenced by the positive contribution of divestiture ($\beta = .210$). Lastly, although being the poorest predictor, operational efficiency ($\beta = .121$) still has a substantial impact, suggesting that productivity measurements and process enhancements have a moderate impact on employee views. Overall, the results indicate that while all retrenchment tactics are important, the most effective ones for persuading current employees are restructuring, cost-cutting, and open communication.

Practical Implications

- Managers should implement cost reduction in a balanced way, ensuring critical employee needs are not compromised.

- Divestment of non-core assets or units may create uncertainty among existing employees about job security.

- Restructuring (redeployment, role redesign, voluntary retirement) can enhance efficiency but may overload remain employees.

- Streamlining processes and improving efficiency can make work smoother and reduce redundancies.

- Employees are more likely to stay engaged when management communicates openly about reasons, processes, and expected outcomes.

Conclusion

The report emphasizes that in the Indian IT sector, retrenchment tactics have a big impact on current employees' opinions and experiences. Among the factors that have a significant impact on employee engagement, job security, and morale are cost reduction, divestiture, staff reorganization, operational efficiency, and transparency. According to research, cost-cutting and divestiture may offer temporary financial relief, but they frequently cause stress and anxiety for the remaining staff members. On the other hand, measures to improve operational efficiency and open communication often counteract adverse consequences, promoting stability and confidence. When done fairly and with sufficient assistance, workforce restructuring can assist staff members in adjusting to new positions and duties. Overall, the findings show that how retrenchment plans are planned and implemented has a significant effect on current workers. For this reason, IT companies must strike a balance between financial requirements and worker welfare in order to maintain long-term organizational effectiveness.

References

1. Cameron, K. S. (1994). Strategies for successful organizational downsizing. Human Resource Management, 33(2), 189–211.

2. Cascio, W. F. (2002). Responsible restructuring: Creative and profitable alternatives to layoffs. Berrett-Koehler Publishers.

3. Datta, D. K., Guthrie, J. P., Basuil, D., & Pandey, A. (2010). Causes and effects of employee downsizing: A review and synthesis. Journal of Management, 36(1), 281–348.

4. Gandolfi, F., & Hansson, M. (2011). Causes and consequences of downsizing: Towards an integrative framework. Journal of Management and Organization, 17(4), 498–521.

5. Mishra, A. K., & Spreitzer, G. M. (1998). Explaining how survivors respond to downsizing: The roles of trust, empowerment, justice, and work redesign. Academy of Management Review, 23(3), 567–588.

6. Noer, D. M. (1993). Healing the wounds: Overcoming the trauma of layoffs and revitalizing downsized organizations. Jossey-Bass.

7. Budhwar, P., Varma, A., & Patel, C. (2020). Indian business: Structure and practices. Routledge. NASSCOM. (2023). Indian IT industry performance report.

8. Dlouhy, K., & Casper, A. (2020). Downsizing and survivors' job strain: The role of organizational resources and demands. Journal of Organizational Behavior, 41(6), 551–566.

9. De Vries, M. F. R. K. (1997). Creative restructuring: The transition from individual to corporate creativity. Human Relations, 50(11), 1429–1456.

10. Isabella, L. A. (1989). Downsizing: Survivors' assessments. Academy of Management Review, 14(1), 117–141.

11. Kao, C. L. (2020). Post-downsizing challenges: Work intensification and operational efficiency. International Journal of Human Resource Management, 31(5), 612–629.

12. Kim, Y. (2025). Preventing subsequent turnover after downsizing: The role of managerial practices. [Journal name]. (Advance online publication).

13. Kulkarni, V. V. (2008). Downsizing and its impact in Indian organizations: A cultural perspective. Indian Journal of Industrial Relations, 43(4), 619–635.

14. Kutaula, S., Gillani, A., & Budhwar, P. (2020). An analysis of employment relationships in Asia: Psychological contract perspectives. Human Resource Management Review, 30(1), 100698.

15. Lee, S. (2023). The experiences of layoff survivors: Navigating organizational justice and coping. Journal of Applied Behavioral Science, 59(2), 175–198.

16. Ranganathan, C. (2006). Strategic restructuring and layoffs: Implications for organizational trust. Journal of Management Studies, 43(4), 837–862.

17. Ritter-Hayashi, D., Vermeulen, P., & Knoben, J. (2020). Labor flexibility and innovation after downsizing. Research Policy, 49(1), 103849.

18. Sahoo, S. (2024). Internationalization and Industry 4.0: Technology-driven restructuring and retrenchment. [Journal name]. (Advance online publication).

19. Tiwari, B., & Lenka, U. (2017). Engaging workforce in downsized firms: Scenario of the Indian IT/ITES sector. Development and Learning in Organizations, 31(3), 9–11.

20. van Dick, R., Ullrich, J., & Tissington, P. A. (2016). Detrimental effects of downsizing on organizational identification. Journal of Management, 42(7), 1598–1624.

21. Mohana, S., Santosh, K., Kumari, M. R., & Sudarsan, K. (2021). Impact of talent management on employee job performance in information technology (IT) Sector: An empirical study of Chennai City. Palarch's Journal of Archaeology of Egypt/Egyptology, 18, 1-14.

22. Galvão, R., & Varela, M. (2024). Impact of hybrid work model on job satisfaction of techies during the covid-19 pandemic. Journal of Ecohumanism, 3(4), 977-987.

23. Kumar, D. P., Sreekanth, B., Mohana, S., & Hemaraj, M. (2023, December). Reduction of dimensions of Customer Satisfaction in Food Delivery Apps using Confirmatory Factor Analysis. In 2023 1st International Conference on Optimization Techniques for Learning (ICOTL) (pp. 1-6). IEEE.

24. Mohana, S., Santosh, K., & Jahnavi, M. (2022). Impact of strategic management practices on employee performance in higher education sector. International Journal of Health Sciences, 6(S2), 13378–13389. https://doi.org/10.53730/ijhs.v6nS2.8532

25. Mohana, S., & Subramanyam, P. (2021). Talent management practices and sustainable organizational performance in cement industry. Journal of Management and Science, 11(3), 47-53.

26. Balakumar, A., Mohana, S., Kumar, M. S., & Santosh, K. (2024, November). Emotional Intelligence and its Role in Motivation and Stress Management: Insights for Effective Leadership. In 2024 IEEE Silchar Subsection Conference (SILCON 2024) (pp. 1-6). IEEE.