

# A Comprehensive Analysis of Determinants of Employee Satisfaction: Work Environment, Compensation, And Managerial Effectiveness in Educational Sector in Coimbatore District

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## ABSTRACT

Employee satisfaction is one of the most important human resource outcomes in educational institutions because it influences commitment, productivity, quality of service, institutional reputation, retention and overall organisational effectiveness. In the educational sector, employees include teaching, administrative and support staff whose satisfaction levels directly affect academic delivery, student support and institutional functioning. This study analyses the determinants of employee satisfaction in educational institutions in Coimbatore District with special reference to three major dimensions: work environment, compensation and managerial effectiveness. The study is based on primary data collected from 106 respondents through a structured questionnaire. A descriptive research design was adopted, and convenience sampling was used for selecting the respondents. Percentage analysis was used to understand the distribution of responses, while the Chi-Square test was applied to examine the association between gender and job satisfaction. The findings reveal that work-life balance, compensation levels and managerial practices are closely connected with employee satisfaction. A majority of respondents reported satisfaction with their work-life balance and current job, indicating a generally positive institutional climate. However, compensation-related concerns remain visible because a considerable proportion of respondents fall within lower income categories. The Chi-Square analysis indicates a significant association between gender and job satisfaction, suggesting that institutional policies should address gender-based workplace experiences. The study recommends improved compensation packages, transparent communication, leadership development, career growth opportunities, recognition systems and work-life balance initiatives to enhance employee satisfaction in educational institutions.

**Keywords:** Employee Satisfaction, Work Environment, Compensation, Managerial Effectiveness, Educational Sector, Coimbatore District

## 1. INTRODUCTION

Employee satisfaction refers to the extent to which employees feel content, motivated and emotionally connected with their job, work environment and organisation. In educational institutions, employee satisfaction is not limited to salary or workload alone; it is shaped by a combination of physical facilities, work-life balance, institutional culture, recognition, leadership style, compensation practices, career growth and interpersonal relationships. Satisfied employees are more likely to show commitment, maintain positive relationships with students and colleagues, contribute to institutional development and remain loyal to the organisation.

The educational sector is service-oriented and people-centred. Unlike purely commercial organisations, educational institutions depend heavily on the knowledge, attitude, emotional stability and commitment of their employees. Teachers, office staff, administrative personnel, technical staff and support employees all contribute to the smooth functioning of the institution. When these employees experience job satisfaction, the institution gains through improved productivity, reduced absenteeism, better retention and stronger organisational citizenship behaviour.

Coimbatore District has emerged as an important educational hub in Tamil Nadu, with a wide range of schools, colleges, professional institutions and training centres. With increasing competition among educational institutions, retaining qualified and committed employees has become a major challenge. Institutions are expected to provide not only academic infrastructure but also a supportive workplace for employees. Therefore, understanding the factors that determine employee satisfaction is highly relevant for administrators, principals, heads of departments and human resource managers in the educational sector.

Among the various factors affecting satisfaction, work environment, compensation and managerial effectiveness are three major determinants. Work environment includes work-life balance, workload, safety, teamwork, facilities and emotional climate. Compensation includes salary, incentives, benefits and perceived fairness of pay. Managerial effectiveness includes leadership quality, communication, decision-making, support, recognition and grievance handling. This study focuses on these determinants to understand how they influence the satisfaction of employees working in educational institutions in Coimbatore District.

## 2. STATEMENT OF THE PROBLEM

Educational institutions are increasingly expected to deliver high-quality academic services, maintain administrative efficiency and respond to changing expectations of students, parents, regulatory bodies and society. These demands place considerable pressure on employees. When employees experience poor work environment, inadequate compensation or ineffective managerial practices, their satisfaction and motivation may decline. This can result in absenteeism, low morale, poor communication, reduced productivity and increased employee turnover.

Many institutions focus strongly on student outcomes and infrastructure development but may give less attention to employee welfare. Employees may face issues such as workload pressure, limited career progression, salary dissatisfaction, lack of recognition, weak communication and insufficient involvement in decision-making. Hence, there is a need to examine the specific determinants of employee satisfaction in educational institutions. This study addresses the problem by analysing work environment, compensation and managerial effectiveness as key factors influencing employee satisfaction among employees in Coimbatore District.

## 3. OBJECTIVES OF THE STUDY

1. To examine the impact of work environment on employee satisfaction in educational institutions.
2. To evaluate the relationship between compensation and employee satisfaction.
3. To assess the influence of managerial effectiveness on employee satisfaction.
4. To identify whether gender and job satisfaction are significantly associated.

## 4. SCOPE OF THE STUDY

The scope of the study is confined to employees working in educational institutions in Coimbatore District. The study covers teaching, administrative and other institutional employees who are directly or indirectly involved in educational service delivery. The major variables considered are work environment, compensation and managerial effectiveness. The study uses employee satisfaction as the dependent variable and analyses the extent to which these determinants influence employee attitudes.

The study is useful for educational administrators, HR managers, institutional heads and policy makers who wish to understand employee expectations and improve workplace practices. The findings may help institutions frame better welfare policies, improve communication systems, strengthen leadership practices and design employee retention strategies.

## 5. REVIEW OF LITERATURE

**Herzberg, Mausner and Snyderman (1959)** developed the Two-Factor Theory, which explains that job satisfaction is influenced by motivators such as achievement, recognition, responsibility and growth, while dissatisfaction is caused by hygiene factors such as salary, work conditions and organisational policies. This theory is relevant to the present study because compensation and work environment are core hygiene factors, while managerial support and recognition act as motivators.

**Locke (1976)** defined job satisfaction as a pleasurable or positive emotional state resulting from the appraisal of one's job or job experiences. The definition highlights that employee satisfaction is not merely a financial outcome but also an emotional response to work conditions.

**Spector (1997)** explained that job satisfaction is shaped by pay, promotion, supervision, fringe benefits, contingent rewards, operating procedures, co-workers, nature of work and communication. This supports the present study's focus on compensation and managerial effectiveness.

Noordin and Jusoff (2009) observed that academic staff satisfaction is influenced by a safe and healthy working environment, career progression, administrative support, salary, peer relationship and the nature of work. These dimensions are highly applicable to educational institutions.

Idris et al. (2020) found that work environment has a positive and significant influence on job satisfaction and employee performance in higher educational institutions, while compensation needs to be perceived as fair and adequate to motivate employees.

Zhenjing et al. (2022) reported that workplace environment has an impact on employee performance, with employee commitment playing an important role. A supportive environment improves motivation and commitment.

Gazi et al. (2024) identified leadership, recognition, task characteristics and working atmosphere as important factors affecting employee job satisfaction and performance. This finding supports the inclusion of managerial effectiveness as a determinant in the present study.

AlMarzooqi et al. (2025) emphasised that job satisfaction is affected by organisational and personal factors, and that employees' psychological experiences should be considered in workplace policy design.

**Recent studies in higher education** also highlight servant leadership, cultural openness, burnout prevention and institutional support as meaningful contributors to satisfaction among academic employees.

Overall, the review of literature shows that employee satisfaction is a multidimensional concept. Work environment, compensation, managerial support, communication, recognition and opportunities for development are repeatedly identified as important determinants. The present study applies these insights to the educational sector in Coimbatore District.

## 6. RESEARCH METHODOLOGY

The descriptive research design was selected because the study aims to describe the existing level of employee satisfaction and analyse the relationship between selected determinants and satisfaction. Convenience sampling was adopted as respondents were selected based on accessibility and willingness to participate. The questionnaire included demographic details and questions relating to work-life balance, income level, current job satisfaction and institutional practices.

## 7. CONCEPTUAL FRAMEWORK OF THE STUDY

The conceptual framework of the study assumes that employee satisfaction is influenced by three major independent variables: work environment, compensation and managerial effectiveness. Work environment is represented through work-life balance and institutional climate. Compensation is represented through monthly income and perceived adequacy of pay. Managerial effectiveness is represented through current job satisfaction, leadership support and institutional practices. The dependent variable is overall employee satisfaction.

## 8. DATA ANALYSIS AND INTERPRETATION

### 8.1 Objective 1: Work Environment and Employee Satisfaction

Work-life balance was used as an indicator of work environment satisfaction. In educational institutions, work-life balance is important because employees often handle academic work, administrative duties, mentoring, examination responsibilities, documentation and institutional activities. A favourable work-life balance indicates a healthy work environment.

TABLE NO 1

| Level             | Respondents | Percentage |
|-------------------|-------------|------------|
| Very Satisfied    | 28          | 26.4       |
| Satisfied         | 40          | 37.7       |
| Neutral           | 20          | 18.9       |
| Dissatisfied      | 12          | 11.3       |
| Very Dissatisfied | 6           | 5.7        |

|       |     |       |
|-------|-----|-------|
| Total | 106 | 100.0 |
|-------|-----|-------|

#### Source: Primary Data

The table shows that 28 respondents (26.4 percent) are very satisfied and 40 respondents (37.7 percent) are satisfied with their work-life balance. Together, 64.1 percent of the respondents are satisfied or very satisfied. This indicates that most employees perceive their work environment positively. However, 18.9 percent remain neutral and 17 percent are dissatisfied or very dissatisfied, which suggests that a section of employees may still experience workload pressure, role stress or insufficient flexibility.

Work environment has a positive influence on employee satisfaction. Institutions that provide reasonable workload, supportive colleagues, flexible work practices, safe infrastructure and work-life balance are more likely to have satisfied employees.

### 8.2 Objective 2: Compensation and Employee Satisfaction

Compensation is one of the major determinants of job satisfaction because it affects employees' financial security, motivation, perceived fairness and long-term commitment. In educational institutions, compensation may differ based on designation, qualification, experience, type of institution, workload and employment status.

TABLE NO 2

| Monthly Income          | Respondents | Percentage |
|-------------------------|-------------|------------|
| Up to Rs. 10,000        | 47          | 44.4       |
| Rs. 10,001 - Rs. 25,000 | 11          | 10.4       |
| Rs. 25,001 - Rs. 50,000 | 24          | 22.6       |
| Above Rs. 50,000        | 24          | 22.6       |
| Total                   | 106         | 100        |

#### Source: Primary Data

The table indicates that 47 respondents (44.3 percent) earn up to Rs. 10,000 per month. Another 11 respondents (10.4 percent) earn between Rs. 10,001 and Rs. 25,000. This means more than half of the respondents fall within lower income categories. Meanwhile, 24 respondents (22.6 percent) earn between Rs. 25,001 and Rs. 50,000, and another 24 respondents (22.6 percent) earn above Rs. 50,000. The distribution shows that compensation levels are uneven among employees.

Compensation remains a key determinant of satisfaction. Employees who perceive their salary as fair and sufficient are more likely to show motivation and institutional loyalty. However, employees in lower income categories may experience dissatisfaction if their workload, qualification and responsibilities are not matched with fair pay. Educational institutions should therefore focus on salary fairness, increments, benefits and recognition-based incentives.

### 8.3 Objective 3: Managerial Effectiveness and Employee Satisfaction

Managerial effectiveness refers to the ability of institutional leaders and administrators to guide, support, communicate, recognise and motivate employees. In educational institutions, effective management includes transparent communication, fair workload allocation, grievance redressal, academic freedom, team coordination and timely appreciation.

TABLE NO 3

| Level of Current Job Satisfaction | Respondents | Percentage |
|-----------------------------------|-------------|------------|
| Very Satisfied                    | 32          | 30.2       |
| Satisfied                         | 41          | 38.7       |
| Neutral                           | 18          | 17.0       |
| Dissatisfied                      | 10          | 9.4        |
| Very Dissatisfied                 | 5           | 4.7        |
| Total                             | 106         | 100.0      |

#### Source: Primary Data

The table reveals that 32 respondents (30.2 percent) are very satisfied and 41 respondents (38.7 percent) are satisfied with their current job. Together, 68.9 percent of respondents report positive job satisfaction. Only 14.1 percent report dissatisfaction or high dissatisfaction, while 17 percent remain neutral.

The high level of current job satisfaction reflects the presence of reasonably effective managerial and institutional practices. However, the neutral and dissatisfied groups should not be ignored. Management should identify the reasons for dissatisfaction and improve leadership support, communication, employee involvement and recognition systems.

## 9. CHI-SQUARE ANALYSIS

The Chi-Square test was applied to identify whether gender and job satisfaction are significantly associated. This test is suitable because both gender and satisfaction level are categorical variables. The test helps to understand whether the observed difference in satisfaction across gender groups is due to chance or whether it is statistically significant.

**Null Hypothesis (H0): There is no significant association between gender and job satisfaction.**

**Alternative Hypothesis (H1): There is a significant association between gender and job satisfaction.**

TABLE NO 4

| Particulars                 | Value     | Result                  |
|-----------------------------|-----------|-------------------------|
| Calculated Chi-Square Value | 10.52     |                         |
| Table Value                 | 9.49      |                         |
| Level of Significance       | 5 percent |                         |
| Decision                    | Reject H0 | Significant Association |

### Source: Calculated Data

The calculated Chi-Square value is 10.52, which is greater than the table value of 9.49 at the 5 percent level of significance. Therefore, the null hypothesis is rejected. This means that there is a significant association between gender and job satisfaction among the respondents.

Inference: Gender-based workplace experiences may influence the satisfaction levels of employees. Differences may arise due to workload expectations, family responsibilities, safety concerns, growth opportunities, communication practices or institutional support. Hence, educational institutions should adopt gender-sensitive and inclusive policies to ensure that all employees experience fairness, support and equal opportunities.

## 10. MAJOR FINDINGS OF THE STUDY

- A majority of respondents are satisfied with their work-life balance, indicating a generally positive work environment in educational institutions.
- About 64.1 percent of respondents are satisfied or very satisfied with their work-life balance.
- Compensation is an important determinant of satisfaction, but a considerable proportion of respondents fall in the lower income category.
- More than half of the respondents earn up to Rs. 25,000 per month, showing the need for better pay structures in certain employee categories.
- Nearly 68.9 percent of respondents are satisfied or very satisfied with their current job.
- Managerial effectiveness appears to positively influence employee satisfaction through support, communication and institutional practices.
- A small but important group of employees remain dissatisfied, showing that there is scope for improvement in workload management, salary fairness and leadership practices.
- The Chi-Square analysis shows a significant association between gender and job satisfaction.
- Gender-inclusive workplace policies are necessary to strengthen employee satisfaction and institutional commitment.
- Overall, work environment, compensation and managerial effectiveness are found to be key determinants of employee satisfaction in the educational sector.

## 11. SUGGESTIONS

**Improve compensation packages:** Educational institutions should review salary structures periodically and ensure that pay is fair according to qualification, experience, responsibility and workload. Increment policies, performance-based incentives and benefits can improve satisfaction.

**Strengthen work-life balance initiatives:** Flexible scheduling, reasonable workload distribution, leave support, counselling support and reduction of unnecessary administrative burden can help employees maintain better work-life balance.

**Enhance managerial communication:** Heads of departments and administrators should maintain transparent communication regarding institutional decisions, workload, expectations and performance standards.

**Introduce recognition and appreciation systems:** Employees should be appreciated for academic achievements, administrative contributions, student mentoring, event coordination and institutional service. Recognition improves emotional satisfaction and commitment.

**Promote gender-inclusive policies:** Institutions should ensure equal opportunities, safe workplace practices, maternity support, grievance mechanisms and gender-sensitive workload allocation.

**Provide career development opportunities:** Workshops, faculty development programmes, administrative training, research support, promotion pathways and skill development programmes can improve long-term satisfaction.

**Improve grievance redressal mechanisms:** Employees should have access to confidential and fair grievance handling systems. Prompt resolution of concerns builds trust in management.

**Encourage participative management:** Employees should be involved in decision-making wherever possible, especially in academic planning, institutional development, student support and policy implementation.

**Develop leadership capability:** Educational leaders should be trained in emotional intelligence, conflict management, team motivation, feedback practices and employee engagement.

**Monitor satisfaction regularly:** Institutions may conduct periodic employee satisfaction surveys and use the findings to frame practical welfare and retention strategies.

## 12. CONCLUSION

The study concludes that employee satisfaction in educational institutions is significantly influenced by work environment, compensation and managerial effectiveness. A supportive work environment creates emotional comfort, improves work-life balance and strengthens employee commitment. Fair compensation motivates employees and helps institutions retain qualified and committed staff. Managerial effectiveness improves satisfaction by ensuring communication, support, recognition and fair treatment.

The analysis shows that a majority of respondents are satisfied with their work-life balance and current job. However, compensation-related concerns and the presence of dissatisfied respondents indicate the need for continuous improvement. The Chi-Square result confirms that gender and job satisfaction are significantly associated, which highlights the need for inclusive and gender-sensitive institutional policies.

In the educational sector, employee satisfaction is not merely an HR issue; it is directly connected with academic quality, student welfare, institutional reputation and long-term sustainability. Therefore, educational institutions in Coimbatore District should adopt systematic employee welfare measures, transparent compensation practices, effective leadership approaches and supportive work-life balance initiatives. By doing so, institutions can create a committed, motivated and high-performing workforce.

## 13. LIMITATIONS OF THE STUDY

- The study is limited to educational institutions in Coimbatore District only which may or may not be applicable to other areas.
- The study focuses only on selected determinants such as work environment, compensation and managerial effectiveness.
- Responses are based on the opinions of employees and may be influenced by personal experiences.

#### 14. SCOPE FOR FURTHER RESEARCH

Future studies may use a larger sample covering different districts or states to compare employee satisfaction across regions. Separate studies may be conducted among teaching staff, administrative staff and support staff to understand category-wise differences. Advanced statistical tools such as correlation, regression, ANOVA, factor analysis or structural equation modelling may be used to identify the strength of relationships among variables. Future researchers may also include additional determinants such as job security, career growth, organisational culture, recognition, stress, burnout and employee engagement.

#### REFERENCES

1. AlMarzooqi, A. et al. (2025). Factors influencing job satisfaction among public-sector employees. PMC.
2. Gazi, M. A. I. et al. (2024). Analyzing the impact of employee job satisfaction on employee performance. Journal article published by Elsevier.
3. Herzberg, F., Mausner, B. and Snyderman, B. B. (1959). *The Motivation to Work*. New York: John Wiley & Sons.
4. Idris, Adi, K. R., Soetjipto, B. E. and Supriyanto, A. S. (2020). The mediating role of job satisfaction on compensation, work environment and employee performance: Evidence from Indonesia. *Entrepreneurship and Sustainability Issues*, 8(2), 735-750.
5. Locke, E. A. (1976). The nature and causes of job satisfaction. In M. D. Dunnette (Ed.), *Handbook of Industrial and Organizational Psychology*. Chicago: Rand McNally.
6. Noordin, F. and Jusoff, K. (2009). Levels of job satisfaction amongst Malaysian academic staff. *Asian Social Science*, 5(5), 122-128.
7. Robbins, S. P. and Judge, T. A. (2013). *Organizational Behavior*. 15th ed. New Delhi: Pearson Education.
8. Spector, P. E. (1997). *Job Satisfaction: Application, Assessment, Causes, and Consequences*. Thousand Oaks, CA: Sage Publications.
9. Teli, M. R. (2019). Employee job satisfaction in higher education. Journal article on job satisfaction among academic and administrative employees.
10. Wijaya, E. (2025). Enhancing job satisfaction in higher education: The role of servant leadership and cultural openness. *Society Journal*.
11. Zhenjing, G. et al. (2022). Impact of employees' workplace environment on employee performance. *Frontiers in Public Health*, 10.