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# Analysis on human resource practices and employee satisfaction levels of organised and semi organised players in poultry industry

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#### Abstract

The poultry industry is essential to the global agriculture sector and makes a considerable contribution to both food security and economic growth. This study attempts to look into how organized and semi-organized players in the poultry sector use human resources. The relation between Human Resource practices and the employee satisfaction levels in both organised and semi-organised sectors of the poultry industry were studied. The research aims to offer useful insights to poultry sector in terms of human resource practices. In order to improve operational effectiveness and sustain growth, this study looks for best practices and potential areas for improvement in HR management within the poultry sector.

The present study offers a comprehensive understanding of Human Resources practices in poultry sector

**Keywords:** Human resource practices, satisfaction, effectiveness, stakeholders

to the stakeholders of poultry industry, policy makers and academicians.

#### Introduction

Human resource(labour) and organisation are the key important factors of production. Success or failure of any organisation largely depends on its human resources. Human resource practices refer to the activities, policies and procedures that organizations implement to manage their workforce effectively. These practices includes activities such as recruitment, selection, employee retention, training and development, compensation, performance management and employee relations. The core objective of human resource practices is to hire the proper people with the right knowledge and skills to accomplish its goals. Any organization's success depends on its human resource strategies, which guarantee that workers are motivated, engaged, and productive.

The poultry sector in India has experienced a paradigm shift in structure and operation from a mere back yard activity to major commercial agri based industry over a period of time. The production of hen eggs in the world in 2017 was 78,889.1 thousand tonnes,2018 was 80,851.5 thousand tonnes, 2019 was 84,363.3 thousand tonnes and in 2020 was 86,669.5 thousand tonnes. The production of chicken meat in the world in 2020 was about 119,505 thousand tonnes. (FAO,2022) [1]. Poultry farming serves the cheapest animal protein source from backyard farming to industries. Comparing to other farming, poultry is one of the fastest growing agricultural sectors in our country. As the poultry industry is commercially growing, the need for the human resource at different hierarchical levels has been increasing both at organized and unorganized sectors. Hence, there is a need to probe into human resource practices followed by poultry industry and the employee satisfaction levels towards those human resource practices.

#### Methodology

60 employees from organized sector, who are working in marketing, operations divisions and 20 employees from semi-organized sector, who are employed in marketing and operations divisions was chosen for the study. Proportionate sampling was followed while selecting the number of employees from each hierarchical level. Convenience Sampling was followed while selecting employees. Both male and female employees form the part of the sample.

#### **Tools of Analysis**

The data collected was tabulated and analysed using appropriate statistical tools to draw a valid conclusion. Quantitative research tools *viz.*, Likert scale and Correlation analysis was used for the analysis.

#### Likert Scale

A Likert Scale is a psychometric scale, commonly involved in research that employs questionnaires. The Likert Scale is a five (or seven) pint scale which is used to allow the individual to express how they agree or disagree with a particular statement. A Likert Scale assumes that the strength/intensity of an attitude is linear i.e., on a continuum forum strongly agree to strongly disagree, and makes the assumptions that attitudes can be measured.

#### **Correlation Analysis**

Correlation is used to study the closeness of the relationship between two or more variables. Here it is used to study the relationship between HRM Practices and employee satisfaction.

#### Results and Discussion Employee satisfaction levels in organised sector

Table 1: Employee satisfaction levels in organised sector

|          |  | Number of<br>Respondents |             |    |             |
|----------|--|--------------------------|-------------|----|-------------|
| SL<br>No | Factors                                | Yes                      | Per<br>cent | No | Per<br>cent |
| 1        | Work in alignment with career ambition | 56                       | 93          | 4  | 7           |
| 2        | Assigned work help to grow in career   | 56                       | 93          | 4  | 7           |
| 3        | Co-operation from the co-workers       | 60                       | 100         | 0  | 0           |
| 4        | Opportunities to get promoted          | 56                       | 93          | 4  | 7           |

The opinion of the employees on their satisfaction levels on different factors in organised sector were assessed by using percentages and presented in Table 3.1. 93 per cent of the respondents opined the work assigned to them is in alignment with their career goals whereas 7 per cent opined that, the

work assigned to them is in deviation with their career goals. Most of the respondents expressed that the assigned work in organisation helped to grow professionally in their career. All the employees (100 per cent) felt that they are getting good co-operation from their co-workers.93 per cent of the respondents felt that they have enough opportunities to get promoted.

#### In a typical week how often, the employees feel stress

**Table 2:** Stress levels of employees in organised sector

| S.L. No | Frequency of stress | No. of Respondents | Percentage |
|---------|---------------------|--------------------|------------|
| 1       | No stress           | 40                 | 67         |
| 2       | During Sunday       | 9                  | 15         |
| 3       | Once in a week      | 8                  | 13         |
| 4       | During month ends   | 3                  | 5          |

This question has mix of responses. Out of 60 respondents, 40 members (67 per cent) felt that they don't feel stress.9 respondents (15 per cent) responded they feel stressed once in a week i.e., Sunday. Another 8 respondents (13 per cent) responded that feel stress once in a week.3 respondents (5 per cent) from marketing division felt that they feel stressed at month ends.

### How often the tasks assigned to them by their supervisors help them grow professionally

Out of 60 respondents, 87 per cent i.e., 52 respondents agreed that daily the tasks assigned to them by their supervisors are helping them to grow professionally. Another 8 respondents felt that it is only sometimes those tasks are helping to grow professionally.

## Analysis of satisfaction levels of the employees and HRM Practices that are carried out in organised sector of the Poultry industry.

Data from each employee was collected using the Likert scale ranging from 1 to 5 (Strongly disagree to Strongly agree). The sum of the scores given by each employee was presented in the Table 3.3

Table 3: Analysis of the respondents from organised sector

| Employee    | Hrm practices | Satisfaction levels |
|-------------|---------------|---------------------|
| Employee 1  | 20            | 64                  |
| Employee 2  | 25            | 74                  |
| Employee 3  | 25            | 71                  |
| Employee 4  | 20            | 61                  |
| Employee 5  | 25            | 64                  |
| Employee 6  | 14            | 56                  |
| Employee 7  | 20            | 70                  |
| Employee 8  | 18            | 63                  |
| Employee 9  | 24            | 70                  |
| Employee 10 | 24            | 70                  |
| Employee 11 | 18            | 64                  |
| Employee 12 | 18            | 64                  |
| Employee 13 | 18            | 66                  |
| Employee 14 | 20            | 58                  |
| Employee 15 | 23            | 74                  |
| Employee 16 | 24            | 73                  |
| Employee 17 | 23            | 69                  |
| Employee 18 | 22            | 70                  |
| Employee 19 | 24            | 73                  |
| Employee 20 | 23            | 71                  |
| Employee 21 | 23            | 71                  |
| Employee 22 | 20            | 69                  |
| Employee 23 | 21            | 71                  |

| Employee 24 | 22 | 73 |
|-------------|----|----|
| Employee 25 | 23 | 71 |
| Employee 26 | 23 | 67 |
| Employee 27 | 20 | 68 |
| Employee 28 | 22 | 72 |
| Employee 29 | 21 | 71 |
| Employee 30 | 24 | 71 |
| Employee 31 | 23 | 68 |
| Employee 32 | 22 | 74 |
| Employee 33 | 25 | 73 |
| Employee 34 | 25 | 73 |
| Employee 35 | 25 | 75 |
| Employee 36 | 25 | 75 |
| Employee 37 | 23 | 73 |
| Employee 38 | 19 | 73 |
| Employee 39 | 23 | 73 |
| Employee 40 | 23 | 73 |
| Employee 41 | 25 | 74 |
| Employee 42 | 24 | 72 |
| Employee 43 | 24 | 74 |
| Employee 44 | 24 | 74 |
| Employee 45 | 23 | 73 |
| Employee 46 | 23 | 71 |
| Employee 47 | 21 | 73 |
| Employee 48 | 23 | 74 |
| Employee 49 | 23 | 74 |
| Employee 50 | 23 | 71 |
| Employee 51 | 24 | 72 |
| Employee 52 | 22 | 74 |
| Employee 53 | 22 | 68 |
| Employee 54 | 23 | 72 |
| Employee 55 | 23 | 73 |
| Employee 56 | 23 | 72 |
| Employee 57 | 24 | 71 |
| Employee 58 | 24 | 73 |
| Employee 59 | 23 | 73 |
| Employee 60 | 23 | 72 |

**Table 4:** Correlation analysis between HRM Practices and Employee Satisfaction levels in organised sector

|                     | HRM Practices | Satisfaction Levels |
|---------------------|---------------|---------------------|
| HRM Practices       | 1             |                     |
| Satisfaction Levels | 0.700939169   | 1                   |

The correlation co-efficient value 0.7 suggests that there exists a positive and strong correlation between HRM Practices and the satisfaction level of the employees.

#### Employee satisfaction levels in semi organised sector

From the Table 3.5 it is clear that, 80 per cent of the respondents felt that that the work assigned to them is in alignment with their career goals and helps them to grow whereas 20 per cent felt that the work assigned to them is in deviation with their career goals.90 per cent of the employees opined that they are getting co-operation from the co-workers.75 per cent of the respondents are of the view that they are getting enough opportunities to get promoted.

Table 5: Employee satisfaction levels in semi organised sector

|         |  | Number of Respondents |          |    |          |
|---------|--|-----------------------|----------|----|----------|
| S.L. No | Factors                                | Yes                   | Per cent | No | Per cent |
| 1       | Work in alignment with career ambition | 16                    | 80       | 4  | 20       |
| 2       | Assigned work help to grow in career   | 16                    | 80       | 4  | 20       |
| 3       | Co-operation from the co-workers       | 18                    | 90       | 2  | 10       |
| 4       | Opportunities to get promoted          | 15                    | 75       | 5  | 25       |

#### In a typical week how often, the employees feel stress

This question has mix of responses. Out of 20 respondents, 10 members (50 per cent) felt that they don't feel stress.5

respondents (25 per cent) responded they feel stressed once in a week. Another 5 respondents (25 per cent) responded that stress is more on Sundays.

Table 6: Stress levels of employees in semi organised sector

| SL No | Frequency of stress | No. of Respondents | Percentage |
|-------|---------------------|--------------------|------------|
| 1     | No stress           | 10                 | 50         |
| 2     | Once in a week      | 5                  | 25         |
| 3     | Sundays             | 5                  | 25         |

#### How often the tasks assigned to them by their supervisors help them grow professionally

Out of 20 respondents, 80 per cent i.e., 16 respondents agreed that daily the tasks assigned to them by their supervisors are helping them to grow professionally. Another 4 respondents it is only sometimes those tasks are helping to grow professionally.

# Analysis of satisfaction levels of the employees and HRM Practices that are carried out in semi organised sector of the Poultry industry

Data was collected from 20 respondents using Likert Scale which ranges from 1 to 5(Strongly disagree to Strongly agree). The sum of the scores of each individual employee was presented in the table 3.7

**Table 7:** Analysis of the respondents from semi-organised sector

| Employee    | HRM practices | Satisfaction levels |
|-------------|---------------|---------------------|
| Employee 1  | 23            | 68                  |
| Employee 2  | 23            | 70                  |
| Employee 3  | 21            | 66                  |
| Employee 4  | 22            | 67                  |
| Employee 5  | 24            | 66                  |
| Employee 6  | 19            | 62                  |
| Employee 7  | 22            | 66                  |
| Employee 8  | 21            | 68                  |
| Employee 9  | 20            | 68                  |
| Employee 10 | 25            | 72                  |
| Employee 11 | 25            | 68                  |
| Employee 12 | 19            | 66                  |
| Employee 13 | 22            | 67                  |
| Employee 14 | 22            | 65                  |
| Employee 15 | 23            | 63                  |
| Employee 16 | 16            | 64                  |
| Employee 17 | 21            | 59                  |
| Employee 18 | 25            | 65                  |
| Employee 19 | 21            | 61                  |
| Employee 20 | 19            | 69                  |

**Table 8:** Correlation analysis between HRM Practices and Employee Satisfaction levels in semi organised sector

|                     | HRM Practices | Satisfaction Levels |
|---------------------|---------------|---------------------|
| HRM Practices       | 1             |                     |
| Satisfaction Levels | 0.327593873   | 1                   |

The correlation co-efficient value 0.32 suggests that there exists a positive and moderate correlation between HRM Practices and the satisfaction level of the employees.

#### Conclusion

In organised players of the poultry industry most of the employees are feeling that the work assigned to them is in alignment with their career ambition and also helping them to grow professionally. The relationship between the HRM practices and the employee satisfaction levels is positive and strong in the case of organised players whereas in the semi organised sector the relation is positive and moderate.

#### References

- 1. Chiarolla C. Plant patenting, benefit sharing and the law applicable to the food and agriculture organisation standard material transfer agreement. The Journal of World Intellectual Property. 2008 Jan;11(1):1-28.
- 2. Mira M, Choong Y, Thim C. The effect of HRM practices and employees' job satisfaction on employee

- performance. Management Science Letters. 2019;9(6): 771-786.
- 3. Islam Md, Jaynob S, Islam Md. Influence of HRM Practices on Employee Job Satisfaction: Evidence from Private Commercial Banks in Bangladesh; c2018.
- Srivastava, Shivi. An Analysis on Human Resource Management Practices and Job Satisfaction with Special Reference to IT Company. Shanlax International Journal of Management. 2021;8:21-30.
- 5. Muhani, Urai. Identification of HR management training approaches on sustainable public service administration skills in Indonesia. International journal of business, economics and management. 2023;6:78-87.