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A Study on Recruitment and Selection Process in Aveon Infotech Private Limited

JS. Kirithya¹, Prof. A. Aravinth²

Student, Vivekanandha Institute of Information and Management Studies, Tiruchengode, Namakkal, India¹

Assistant Professor, Vivekanandha Institute of Information and Management Studies, Tiruchengode, Namakkal, India²

ABSTRACT: This research explores in depth the recruitment and selection process followed by Aveon Infotech Private Limited, an emerging IT consulting firm located in Coimbatore. The study identifies recruitment as a critical human resource function that has a significant impact on organizational productivity, innovation, and employee satisfaction. Particularly in knowledge-based industries such as IT, hiring the right talent at the right time becomes crucial for maintaining competitive advantage. This research examines the entire hiring cycle at Aveon Infotech—from sourcing and attracting candidates to screening, selecting, and onboarding—while identifying key challenges and opportunities. The study is based on both primary data collected from 128 employees through structured questionnaires and secondary sources like industry reports and literature. Statistical tools including percentage analysis, chi-square tests, and ANOVA were used to extract actionable insights. The paper culminates with detailed recommendations for improving the recruitment process, ensuring it remains responsive to evolving business needs.

KEYWORDS: Recruitment, Selection, Human Resource Management, Employee Retention, Aveon Infotech, Talent Acquisition, IT Industry, Strategic HR

I. INTRODUCTION

Recruitment serves as the gateway to an organization's most valuable resource: its people. In today's fast-changing business environment, especially in the technology sector, the ability to identify, attract, and retain skilled professionals is paramount. Aveon Infotech, a dynamic IT consulting and services company, depends heavily on its human capital to deliver value-driven solutions to its clients. As a firm operating in the highly competitive tech landscape, Aveon's future growth and sustainability are closely tied to its ability to recruit individuals who can bring creativity, agility, and technological prowess to the organization. The company's HR department undertakes the responsibility of sourcing candidates who not only possess the required technical skills but also align with the company's values and culture. This study provides a detailed analysis of Aveon's hiring process, its efficiency, effectiveness, and areas of enhancement.

Objectives of the Study

Primary Objective:

To conduct a comprehensive analysis of the recruitment and selection process at Aveon Infotech Private Limited.

Secondary Objective:

- To examine current recruitment policies and practices.
- To assess employee satisfaction regarding the recruitment procedures.
- To analyze the alignment of job roles with candidate qualifications.
- To analyze the typical duration and resources utilized during the selection process.
- To investigate the application of technological tools in hiring.
- To provide practical recommendations for process improvement.

Statement of the Problem:

In today's competitive and fast-evolving IT industry, organizations must adopt dynamic recruitment strategies to attract, evaluate, and retain the right talent. However, many firms still struggle with outdated or inefficient hiring processes, resulting in poor candidate experience, increased turnover, and misalignment between employee capabilities and organizational goals. Aveon Infotech Private Limited, despite its technological progress and growing client base, faces



challenges in optimizing its recruitment framework to meet modern workforce expectations. This study addresses the problem of how effectively Aveon's current recruitment and selection processes align with best industry practices, technological integration, and employee satisfaction. By identifying gaps and offering practical solutions, this research aims to contribute to improved HR practices that support sustainable growth and talent retention.

II. REVIEW OF LITERATURE

A wide range of academic sources underpins this study. Barber (1998) emphasized that recruitment is more than advertising vacancies; it is a structured approach for attracting ideal candidates. Costello (2006) outlined the legal and procedural framework for effective hiring. Jovanovic (2004) asserted that better recruitment directly correlates with reduced attrition. Dessler (2000) proposed that recruitment and selection are integral to overall employee performance and HR strategy. Mullins (1999) connected recruitment with organizational goals, while Miyake (2002) and French (1982) explored informal methods like referrals and direct outreach. Smith et al. Drucker (1999) emphasized the role of strategic planning in workforce management, noting that recruitment should be aligned with long-term business goals.

Together, these works create a strong theoretical framework that supports the analysis of recruitment and selection at Aveon. They help validate the importance of using structured, fair, and efficient methods to attract and select the best candidates.

III. RESEARCH METHODOLOGY

This study adopts a descriptive research design to provide a factual and accurate representation of Aveon's recruitment system. Descriptive research is particularly suitable for analyzing business processes as it allows for a systematic portrayal of organizational practices. The choice of methodology reflects the intention to gather reliable, replicable, and quantifiable data from existing employees.

- Research Design: Descriptive research design focused on factual analysis.
- Sampling Method: Non-probability Convenience Sampling, chosen for its practicality and accessibility to respondents.
- Sample Size: 128 employees currently working in Aveon Infotech.

Data Sources:

- Primary data was collected via structured questionnaires containing multiple-choice and Likert-scale questions.
- Secondary data included internal company records, HR manuals, published articles, and academic literature.
- Tools for Analysis:
 - Simple Percentage Analysis for demographic and general data patterns.
 - Chi-square Test to understand associations between categorical variables.
 - ANOVA (Analysis of Variance) to compare perceptions among different experience levels and job categories.

IV. COMPANY PROFILE

Aveon Infotech Private Limited Established in 2012 and based in Coimbatore, Tamil Nadu, Aveon Infotech Private Limited is a privately owned enterprise that specializes in providing IT services and consultancy solutions. The firm specializes in enterprise resource planning (ERP), mobile and web development, HRMS, payroll, e-commerce platforms, and educational software. Aveon is ISO 9001:2015 certified, highlighting its adherence to international quality standards and continuous improvement philosophy. The company is led by Ms. Parvathi G, whose strategic vision and emphasis on innovation and integrity have been instrumental in establishing Aveon's presence in a highly competitive market. With a growing client base in India, Europe, and North America, Aveon focuses on customer satisfaction, timely delivery, and employee empowerment.

Aveon's commitment to digital transformation is evident in its array of services and products designed to meet the needs of educational institutions, enterprises, and government bodies. Their internal departments, including Project Management, Networking, Business Analysis, Quality Assurance, and HR, work collaboratively to deliver integrated, secure, and scalable technology solutions.



V. DATA ANALYSIS & INTERPRETATION PERCENTAGE ANALYSIS

Section	Category	Details	Percentage / Frequency
Demographic Breakdown	Gender Composition	Male employees	53%
		Female employees	47%
	Age Profile	Employees aged 21–30 years	59%
	Work Experience	Employees with 5–10 years experience	37%
Recruitment Channels	Job Portals	Most commonly used recruitment channel	46%
	Employee Referrals	Effective internal recruitment source	30%
	Consultancies	Used mainly for niche or bulk hiring	24%
Technological Involvement	Telephone Interviews	Used for preliminary candidate screening	29%
	Video Conferencing	Increasingly used for remote interviews	27%
Assessment Tools	Aptitude Tests	Used to assess logical reasoning and problem-solving	46%
	Psychometric Tests	Used to assess personality and behavior	30%
			24%
	Projective/Judgment Tests	Less commonly used; assess decision-making skills	
Verification Protocols	Education Checks	Verify academic qualifications	48%
	Reference Verification	Validate past work experience and ethics	27%
	Legal and Family Checks	Minimal usage; potential area for improvement	Not specified
Time Efficiency	Interview Duration 10-20 min	Mostly for entry and mid-level positions	44%
	Interview Duration 20-30 min	Typically for managerial roles	17%
	Interview Duration >30 min	For senior leadership or niche technical roles	9%
Satisfaction Metrics	Quality of Applicant Pool	Employees satisfied with applicant quality	71%
	Clarity of Job Roles	Employees agree that job roles are clearly communicated	70%
	Alignment of Assessments	Employees believe assessments fairly evaluate job fit	55%



Data Analysis and Findings The data collected through questionnaires was analyzed using statistical tools to understand the patterns, trends, and correlations among employee perceptions.

Demographic Breakdown:

- **Gender Composition:** 53% male and 47% female, indicating a reasonably balanced workforce that contributes to workplace diversity.
- **Age Profile:** A majority (59%) fall within the 21–30 age group, reflecting a young, dynamic, and potentially tech-savvy employee base.
- **Work Experience:** Most employees (37%) have between 5–10 years of experience, highlighting a workforce that blends fresh ideas with industry knowledge.

Recruitment Channels:

- **Job Portals (46%):** Remain the most commonly used source for attracting candidates.
- **Employee Referrals (30%):** Demonstrate the effectiveness of internal branding and employee trust in the organization.
- **Consultancies (24%):** Essential for niche roles and high-volume hiring during expansion phases.

Technological Involvement:

- The integration of technology includes use of ERP systems for tracking applications, automated emails, video conferencing tools for interviews, and applicant tracking systems (ATS).
- Telephone interviews (29%) are used for preliminary screening, while video conferencing (27%) is gaining popularity for remote hiring, especially post-COVID.

Assessment Tools:

- **Aptitude Tests (46%):** Used to evaluate logical reasoning and problem-solving abilities.
- **Psychometric Tests (30%):** Used to evaluate personality traits and behavior, helping predict a candidate's fit and performance in the workplace.
- **Projective and Judgment Tests (24%):** Though less common, they add value in understanding decision-making skills.

Verification Protocols:

- **Education Verification (48%):** Confirms that candidates possess the academic qualifications necessary for the role.
- **Reference Verification (27%):** is used to validate candidate background and past work ethics.
- Minimal legal and family checks indicate potential areas of vulnerability that require enhancement for roles with sensitive responsibilities.

Time Efficiency:

- **44%** of interviews last between 10-20 minutes, primarily for entry or mid-level positions.
- **17%** are conducted for 20-30 minutes, usually for managerial roles.
- **9%** exceed 30 minutes, indicating in-depth interviews for leadership or niche technical roles.

Satisfaction Metrics:

- **71%** of employees feel that HR provides a high-quality applicant pool.
- **70%** agree that job roles and expectations are clearly communicated.
- **55%** believe that assessments are aligned with job responsibilities, offering a fair evaluation mechanism.

ANOVA ANALYSIS:

SHOWING ANOVA RESULTS FOR TECHNICAL INTERVIEW AND AVERAGE TIME SPEND FOR INTERVIEW OF THE RESPONDENTS

Null Hypothesis (H₀): There is no significant difference among the importance of technical interview and average time spent by HR during interview of the respondents.



Alternative Hypothesis (H1): There is a significant difference among the importance of technical interview and average time spent by HR during interview of the respondents

ANOVA					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	201.912	6	67.304	385.239	.000
Within Groups	34.243	122	.175		
Total	236.155	128			

Inference:

Since the significance level exceeds 0.05, the null hypothesis is accepted.

Conclusion:

There is no significant difference among the importance of technical interview and average time spent by HR during interview of the respondents.

CHI-SQUARE TEST:

SHOWING CHI-SQUARE RESULTS FOR SATISFACTION LEVEL OF SELECTION PROCESS WITH STRATEGIES ADOPTED BY THE FIRM OF THE RESPONDENTS.

Null Hypothesis (H0): There is no association between satisfaction levels of selection process with strategies adopted by the firm to increase recruits of the respondents.

Alternative Hypothesis (H1): There is an association between satisfaction levels of selection process with strategies adopted by the firm to increase recruits of the respondents.

Chi-Square Tests			
	Value	df	Asymptotic Significance (2- sided)
Pearson Chi-Square	308.880 ^a	9	.000
Likelihood Ratio	322.892	9	.000
Linear-by-Linear Association	162.160	1	.000
N of Valid Cases	128		
A total of four cells (25%) have expected frequencies under 5, with the smallest being 0.14			

Inference:

Since the p-value exceeds 0.05, the data do not provide enough evidence to reject the null hypothesis.

Conclusion:

There is no association between the satisfaction levels of selection process with strategies adopted by the firm to increase recruits of the respondents.

SHOWING CHI-SQUARE ASSOCIATIONS BETWEEN AVERAGE TIMES SPENT BY HR WITH TECHNOLOGICAL SUPPORT FOR RECRUITMENT PROCESS OF THE RESPONDENTS.

Null Hypothesis (H0): There is no significant relationship between the average time spent by the HR department on candidates during the recruitment process and the use of technological support in recruitment.



Alternative Hypothesis (H1): There is an association between average times spent by the HR department for candidate during recruitment with technological support for the recruitment process.

Chi-Square Tests			
	Value	df	Asymptotic Significance (2- sided)
Pearson Chi-Square	249.405 ^a	9	.000
Likelihood Ratio	276.458	9	.000
Linear-by-Linear Association	84.968	1	.000
N of Valid Cases	128		
a. In 25% of the cells (four in total), the expected counts fall below 5, with the smallest expected count recorded at 0.14.			

Inference:

Because the significance level is above 0.05, there is insufficient evidence to reject the null hypothesis.

Conclusion:

There is no association between the average times spent by the HR department for candidate during recruitment with technological support for the recruitment process of the respondents

Discussion Aveon's recruitment process is characterized by a strategic blend of traditional and modern practices. The use of digital tools enhances efficiency, while human judgment continues to play a crucial role in final selections. The prominent use of job portals and increasing reliance on employee referrals indicate the organization's openness and strong employer brand. However, short interview durations and limited legal background checks are areas that warrant strategic intervention. The findings suggest a favorable view of HR's recruitment efforts, but emphasize the need for deeper interviews, structured evaluation frameworks, and better post-selection follow-up.

Limitations

- Access to certain departments, particularly in technical functions, was limited due to workload constraints.
- Some employees provided brief or non-elaborative responses due to busy schedules.
- The study was geographically limited to the Coimbatore head office, potentially omitting insights from remote or contractual staff.

Suggestions for Improvement

- **Leverage AI and Machine Learning:** Automate resume screening, skill mapping, and candidate ranking.
- **Enhance Verification:** Implement legal and credit checks, especially for roles involving finance and compliance.
- **Standardize Interview Duration:** Ensure interviews are sufficiently long to assess behavioral and role-specific competencies.
- **Use Gamification:** Introduce role-based simulations and gamified assessments to evaluate real-world skills.
- **Continuous Feedback Loops:** Collect feedback from both selected and rejected candidates to refine the process.

VI. CONCLUSION

Aveon Infotech exhibits a progressive and structured recruitment model that is largely appreciated by its workforce. The company's practices are aligned with industry norms and make good use of technology and internal networks. Nevertheless, there are opportunities for enhancing depth, objectivity, and data-driven decision-making in recruitment. By adopting AI tools, expanding verification checks, and increasing transparency, Aveon can further strengthen its position as an employer of choice and build a resilient, future-ready workforce.



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