

# Chapter 3

## AI–Enhanced Strategies for Workforce Involvement

**Kavitha R. Gowda**


*Alliance University, India*

**Joseph Varghese Kureethara**

 <https://orcid.org/0000-0001-5030-3948>

*Christ University, India*

**Sunanda Vincent Jaiwant**

 <https://orcid.org/0000-0002-1161-5970>

*Christ University, India*

### ABSTRACT

*The incorporation of Artificial Intelligence (also known as AI) into workforce management is transforming traditional employee engagement tactics by providing creative ways to increase worker participation. This chapter investigates AI-enhanced worker involvement techniques, specifically how AI technology might be used to boost employee engagement, contentment, and productivity. Organisations may build increasingly flexible and adaptable work environments by implementing AI-driven analytics, customised feedback systems as a whole and intelligent automation. This chapter looks at how AI can provide real-time insights on employee behaviours and preferences, allowing for tailored interventions that promote a more engaged and inspired workforce. Furthermore, the ethical implications and obstacles of implementing AI in engagement among workers are examined, with a focus on openness and fairness. AI has already given some meaning at workforce, as: Automation is a key function of artificial intelligence. It handles tedious and*

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*time-consuming activities, freeing free human workers to concentrate on highly innovative and tactical responsibilities. This not only increases productivity but also lowers the likelihood of errors. AI analyses large databases and gives data-driven insights, allowing for better decision-making. This assistance includes anything from projecting trends to optimising resource allocation. Organisations may make more informed decisions by enhancing their human intelligence by AI-driven insights. This chapter highlights the usefulness of AI-enhanced tactics in promoting worker involvement and offers strategies for embedding AI into organisational processes using a variety of secondary resources, including book chapters, academic articles, and empirical data. The findings show that when used correctly, AI may considerably increase workforce engagement, resulting in increased organisational efficiency and employee well-being.*

## **INTRODUCTION**

The use of artificial intelligence (AI) within workforce management has become a game-changer in the quickly changing corporate landscape of today, providing hitherto unheard-of chances to improve worker engagement and involvement. It is more important than ever for businesses to cultivate a driven, engaged, and effective workforce as they fight to be inventive and competitive. AI technologies are transforming how organizations approach workforce involvement because of their capacity to analyse large volumes of data, offer immediate feedback, and automate repetitive jobs. The notion of workforce involvement extends beyond mere employee participation in routine tasks; it also involves cultivating a feeling of inclusion, direction, and ongoing learning. It's common for traditional approaches to employee engagement to be inadequate in meeting the varied demands and needs of a contemporary, dynamic workforce. This is where artificial intelligence (AI) comes in, providing customized solutions that can adjust to the demands of each individual employee, anticipate, and handle possible problems before they become serious, and produce a more unique and fulfilling work environment. AI assists companies in developing a more content and engaged workforce by automating tasks, predicting employee retention, and offering personalized insights. According to (Chen L, Luo F, Zhu X, Huang X, Liu Y, 2020), there are several advantages to using artificial intelligence (AI) to improve employee engagement. These advantages include the capacity to recognize and respond to employee grievances promptly, keep the lines of communication open with employees, and boost output and satisfaction. AI can also help employers tailor their employee engagement strategies to each worker's unique requirements and preferences. Concerns have also been expressed about how AI can negatively impact employee engagement. Information overload and a

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