# **INTRODUCTION**

* 1. **OVER-VIEW:**

Today, the influence of AI has significantly enlarged in wide variety of tasks. Recruitment is one such task in which AI is emerging. The business environment now is very fast. Finding the right candidate is a tedious process for every recruiter. The recruiter has to balance recruiting velocity and quality. Including AI in hiring is an efficient way to sort out this problem.

* 1. **PURPOSE:**

We are going to build an AI chatbot which automatically screens the application and resume, schedules next tasks and evaluates the candidate. Thus the perfect candidate can be recruited.

1. **LITERATURE SURVEY:**
   1. **EXISTING PROBLEM:**

Nishad Nawaz et al proposed a system which is to assess the artificial intelligence chatbots influence on recruitment process. The authors explore how chatbots offered service delivery to attract and candidate’s engagement in the recruitment process. The aim of the study is to identify chatbots impact across the recruitment process. The study is completely based on secondary sources like conceptual papers, peer reviewed articles, websites are used to present the current paper. The paper found that artificial intelligence chatbots are very productive tools in recruitment process and it will be helpful in preparing recruitment strategy for the Industry. Additionally, it focuses more on to resolve complex issues in the process of recruitment. Through the amalgamation of artificial intelligence recruitment process is increasing attention among the researchers still there is opportunity to explore in the field. The paper provided future research avenues in the field of chatbots and recruiters. The major drawback of the paper is chatbot can not monitor the mal practices if a candidate is to do thus to rectify, we give solution.

* 1. **PROPOSED SOLUTION:**

Automated resume screening is done to identify if the candidate satisfies the desired criteria put forth by the company. The qualified candidate will be intimated and the automated scheduler allows them to schedule their evaluation round. To test if the applicant possesses the knowledge about the required field, a technical quiz will be conducted and to test the personality traits, a phone screening will be done. The evaluation process helps to shortlist the candidates and again the automated scheduler schedules them for the on-site interview. By this AI chatbot, the speed and the quality of selection can be effectively increased by automating the shortlisting process.

1. **PROGRESS**

We have used IBM Watson assistant to create a chatbot and trained in such a way it can answer to the queries of the candidate. Bot is trained on the touch with NLP, NLU, NLG. Such a way that it gets trained itself for new questions of the user.