

## **MIGRANT WORKER ASSISTANCE AND TRACKING SYSTEM**

**Ms.N INDUMATHI , SANTHANASANJAYG S, SANTHOSHKUMAR R,  
PRASANNAV, MOSEESWARAN C**

Migrant workers are an important part of the workforce in India, but they often face many problems like not having proper identification, struggling to find steady jobs, and being unable to access government welfare schemes. The current systems in place are not well connected and do not allow workers to register for jobs in more than one sector. They also don't provide a way to access different welfare programs from one place, making it harder for workers to get the support they need. To solve these issues, we propose the Migrant Worker Assistance and Tracking System—a digital platform that brings everything together in one place. This system allows workers to register once and access job opportunities in multiple sectors like construction, farming, and manufacturing. It also helps them apply for government welfare schemes such as health insurance, financial aid, and food support. Every registered worker receives a unique ID, which makes it easier for employers and officials to verify their details and employment history. The platform includes features like job matching based on skills, real-time alerts, complaint reporting, and communication between workers and employers. It also uses data to help the government and NGOs make better decisions for migrant welfare. This project is developed based on the knowledge acquired in the subject Webtechnology using HTML, CSS, JavaScript, and JSP for the front-end, Spring Boot for the back-end, and MySQL for storing data. The system is designed to be simple, secure, and helpful for everyone involved. By solving the gaps in the current system, this platform helps ensure that migrant workers get the jobs, safety, and support they deserve, while also helping the government manage their welfare in a better and more organized way.