

# LearnMate Resources

Neha Sanjay Dubile<sup>1</sup>, Shravani Anil Dhale<sup>2</sup>, Shruti Sanjay Gade<sup>3</sup>

Sanika Anil Sonawale<sup>4</sup>, Akshaya Sushil Bhambure<sup>5</sup>

Student, Dept. of Computer Engineering (Diploma)<sup>1-5</sup>

Rajarambapu Institute of Technology, Islampur, India.

**Abstract:** *The LearnMate Resources app is designed to support Maharashtra State Board of Technical Education (MSBTE) diploma students by providing a centralized platform for academic resources. Key features include curriculum-aligned study materials (lecture notes, previous year papers, model answers), interactive quizzes, video tutorials, and exam schedules. Developed using Android Studio for cross-platform compatibility and Firebase for backend data storage and real-time synchronization, the app ensures security, scalability, and smooth user experience. Its goal is to reduce time spent searching for materials, improve learning habits, and ultimately boost academic performance. The app aims to be an essential academic tool for all MSBTE diploma students*

**Keywords:** *LearnMate*