Preface

In the era of rapid digital transformation, integrating Artificial Intelligence (AI) into education is revolutionizing how learning outcomes are measured and curricula are enhanced. This book explores AI-powered learning analytics and intelligent feedback mechanisms as essential tools for dynamic curriculum refinement and continuous quality improvement within Outcome-Based Education (OBE). By analyzing student performance, engagement patterns, and feedback in real time, educators can make informed, data-driven decisions to foster personalized learning and institutional excellence. This work aims to guide educators, researchers, and policymakers in leveraging AI technologies to build adaptive, learner-centric systems that align with evolving educational goals and industry needs.