

# Project Portfolio Management and Strategic Alignment: Resource Optimization, Priority Setting, and Value Realization in Multi-Project Environments

CA Prasad Bhat<sup>1</sup>, Mrs. Sheetal Amit Marathe<sup>2</sup>, Mr. Suraj Subhash Khandelwal<sup>3</sup>

Assistant Professor, Ramachandran International Institute of Management, Pune<sup>1,2,3</sup>

prasadvbhat@gmail.com, sheetalmarathe@riimpune.com

surajkhandelwal@riimpune.com

**Abstract:** *This research examines the critical relationship between project portfolio management (PPM) and strategic alignment, focusing on resource optimization, priority setting, and value realization in contemporary multi-project environments. Through analysis of recent market data, industry surveys, and performance metrics from 2020-2022, this study demonstrates that organizations with systematic PPM approaches achieve 2.3 times higher strategic alignment success rates compared to those using ad hoc methods. The research reveals that the global PPM market has grown from USD 5.3 billion in 2022 to an expected USD 13.7 billion by 2029, reflecting increased recognition of PPM's strategic value. Key findings indicate that 80% of project managers consider PPM critical for business success, while organizations implementing PPM best practices achieve 92% success rates in meeting project objectives. This paper presents a comprehensive framework for optimizing project portfolios through strategic alignment, resource allocation mechanisms, and value measurement systems that enhance organizational performance and competitive advantage*

**Keywords:** *portfolio management*