

# **FINDING THE RELATION BETWEEN MAKE OR BUY DECISIONS AND PROFITABILITY FOR TECHNOLOGY BASED CLASSIFIED BATCH TYPE OF MANUFACTURING INDUSTRIES**

**KATIKAR R S<sup>1</sup> & PAWAR M S<sup>2</sup>**

<sup>1</sup>Research Scholar, BMIT Research Center Solapur University, Solapur, Maharashtra, India

Associate Professor, Sinhgad College of Engineering, Pune, Maharashtra, India

<sup>2</sup>Professor & Principal, Brhmdevdada Mane Institute of Technology, Solapur, Maharashtra, India

## **ABSTRACT**

To survive in today's competitive manufacturing era, the decision on whether industries to produce product parts, in-house or outsource them, is very important. The manufacturing industries always look for their better performance by correct decision of make or buy parts of product and it depends upon technology available in-house or in the market/supplier. This paper reports an attempt made to know, the relation between make or buy decisions and profitability for technology based classified batch type of manufacturing industries.

A survey is carried out for technology based classified batch type of manufacturing industries to know the make buy trend and relation with profitability. The results obtained and reported are useful ratios of make parts to total no. of parts (in percentage) and its relation with profitability for technology based classified batch type of manufacturing industries. These results are useful to improve the performance of engineering industries.

**KEYWORDS:** Make, Buy Decisions Make Buy Ratio, Firm Performance (Profitability), Technology