

## INTERNATIONAL SCIENCE AND RESEARCH JOURNALS

## The Board Of International Journal Of Advance Research in

Civil, Structural, Environmental and Infrastructure Engineering and Developing

In hereby Awarding this Certificate to

Sudhanwa Kulkarni Mandar Chikate

In Recognition of Publishing Paper entitled

VIBRATION ANALYSIS OF FUNCTIONALLY GRADED BEAM BY USING FINITE ELEMENT METHOD

Published In International Journals

Volume

1 Issue

08 Mar 13

Chief Editor
ISR Journals & Publications