

## International Journal of Engineering and Science Invention

e-ISSN: 2319 - 6734 p-ISSN: 2319 - 6726

## **CERTIFICATE**

It is certify that the paper entitled by "Numerical Investigation of Punching Shear Pattern of Flat Plate Supported By Coupled Columns" has been published in International Journal of Engineering and Science Invention (IJESI).

## Your article has been published with following details:

Author's Name: Mahmoud Elsayed

Journal Name: International Journal of Engineering and Science Invention (IJESI)

Journal Web: www.ijesi.org

Journal Type: Online & Offline

Review Type: Peer Review Refereed

Publication Year: 2018

Publication Month: Aug

Vol No.: 07

Issue No.: 08



Editor-In-Chief

International Journal of Engineering and Science Invention (IJESI)

E-mail ID: ijesi@invmails.com

Web: www.ijesi.org

UGC Approval Serial Number: 2573 & UGC Journal Number: 43302