

## International Journal of Engineering and Science Invention

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

## **CERTIFICATE**

It is certify that the paper entitled by "Synthesis of 1-(6-Chloro-2-methyl-4-phenylquinoline) ethanone using different heterogeneous catalysts in dry media under microwave ir-radiation" has been published in International Journal of Engineering and Science Invention (IJESI).

## Your article has been published with following details:

Author's Name: Rajeev Kumar

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: 2023

Publication Month: May

*Vol No.*: 12

Issue No.: 05



Editor-In-Chief

International Journal of Engineering and Science Invention (IJESI)

E-mail ID: ijesi@invmails.com

Web: www.ijesi.org

Impact Factor: 5.96

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