



The Peer-reviewed International Journal

International Journal of Engineering Inventions

CERTIFICATE

It is certify that the paper entitled by "The structure, properties and antibacterial activity of manganese-doped zinc oxide (5 mol%) nanoparticles against gram-positive and gram-negative bacteria" is accepted for further publication in **International Journal of Engineering Inventions (IJEI)**.

Paper has published with following details:

Authors Name : Janmejy Yadav
Journal Name : International Journal of Engineering Inventions (IJEI)
Journal URL : www.ijeijournal.com
Review Type : Peer Reviewed Journal
Publication Type : Online & Print both
ISSN No. : 2278-7461 (Online) ; 2319-6491 (Print)
Vol No. : 14
Issue No. : 04 (April 2025)



Editor-In-Chief
International Journal of Engineering Inventions (IJEI)
www.ijeijournal.com
Mail id: ijeij@editormails.com



The Peer-reviewed International Journal

International Journal of Engineering Inventions

CERTIFICATE

It is certify that the paper entitled by "The structure, properties and antibacterial activity of manganese-doped zinc oxide (5 mol%) nanoparticles against gram-positive and gram-negative bacteria" is accepted for further publication in **International Journal of Engineering Inventions (IJEI)**.

Paper has published with following details:

Authors Name : **Vikram Singh**
Journal Name : International Journal of Engineering Inventions (IJEI)
Journal URL : www.ijeijournal.com
Review Type : Peer Reviewed Journal
Publication Type : Online & Print both
ISSN No. : 2278-7461 (Online) ; 2319-6491 (Print)
Vol No. : 14
Issue No. : 04 (April 2025)



Editor-In-Chief
International Journal of Engineering Inventions (IJEI)
www.ijeijournal.com
Mail id: ijeijournal@editormails.com



The Peer-reviewed International Journal

International Journal of Engineering Inventions

CERTIFICATE

It is certify that the paper entitled by "The structure, properties and antibacterial activity of manganese-doped zinc oxide (5 mol%) nanoparticles against gram-positive and gram-negative bacteria" is accepted for further publication in **International Journal of Engineering Inventions (IJEI)**.

Paper has published with following details:

Authors Name : **Ram Kripal**
Journal Name : International Journal of Engineering Inventions (IJEI)
Journal URL : www.ijeijournal.com
Review Type : Peer Reviewed Journal
Publication Type : Online & Print both
ISSN No. : 2278-7461 (Online) ; 2319-6491 (Print)
Vol No. : 14
Issue No. : 04 (April 2025)



Editor-In-Chief
International Journal of Engineering Inventions (IJEI)
www.ijeijournal.com
Mail id: ije@editormails.com



The Peer-reviewed International Journal

International Journal of Engineering Inventions

CERTIFICATE

It is certify that the paper entitled by "The structure, properties and antibacterial activity of manganese-doped zinc oxide (5 mol%) nanoparticles against gram-positive and gram-negative bacteria" is accepted for further publication in **International Journal of Engineering Inventions (IJEI)**.

Paper has published with following details:

Authors Name : **Rajesh Kumar Yadav**
Journal Name : International Journal of Engineering Inventions (IJEI)
Journal URL : www.ijeijournal.com
Review Type : Peer Reviewed Journal
Publication Type : Online & Print both
ISSN No. : 2278-7461 (Online) ; 2319-6491 (Print)
Vol No. : 14
Issue No. : 04 (April 2025)



Editor-In-Chief
International Journal of Engineering Inventions (IJEI)
www.ijeijournal.com
Mail id: ijeijournal@editormails.com



The Peer-reviewed International Journal

International Journal of Engineering Inventions

CERTIFICATE

It is certify that the paper entitled by "The structure, properties and antibacterial activity of manganese-doped zinc oxide (5 mol%) nanoparticles against gram-positive and gram-negative bacteria" is accepted for further publication in **International Journal of Engineering Inventions (IJEI)**.

Paper has published with following details:

Authors Name : Urvashi Srivatava
Journal Name : International Journal of Engineering Inventions (IJEI)
Journal URL : www.ijeijournal.com
Review Type : Peer Reviewed Journal
Publication Type : Online & Print both
ISSN No. : 2278-7461 (Online) ; 2319-6491 (Print)
Vol No. : 14
Issue No. : 04 (April 2025)



Editor-In-Chief
International Journal of Engineering Inventions (IJEI)
www.ijeijournal.com
Mail id: ijeij@editormails.com