



**INTERNATIONAL JOURNAL OF NOVEL RESEARCH  
AND DEVELOPMENT (IJNRD) | IJNRD.ORG**  
*An International Open Access, Peer-reviewed, Refereed Journal*  
**ISSN : 2456-4184**

The Board of  
International Journal of Novel Research and Development  
Is hereby awarding this certificate to  
**R.Ronald Joshua**

In recognition of the publication of the paper entitled  
**ANTIBACTERIAL ACTIVITY OF SAND CRAB (EMERITA ASIATICA)  
HEMOLYMPH AGAINST NILE TILAPIA (OREOCHROMIS NILOTICUS)  
INFECTED WITH AEROMONAS SALMONICIDA AND EDWARDSIELLA  
TARDA**



Published In IJNRD ( www.ijnrd.org ) ISSN Approved & 8.76 Impact Factor

Registration ID : 197103

Published in Volume 8 Issue 5, May 2023 | Date of Publication: 2023-05-29

Paper ID : IJNRD2305731

Editor-In Chief

**INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT | IJNRD**

*An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal*

**Website: www.ijnrd.org | Email: editor@ijnrd.org | ESTD: 2016**

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

Manage By: IJPUBLICATION Website: www.ijnrd.org | Email ID: editor@ijnrd.org

IJNRD | ISSN : 2456-4184



**INTERNATIONAL JOURNAL OF NOVEL RESEARCH  
AND DEVELOPMENT (IJNRD) | IJNRD.ORG**  
*An International Open Access, Peer-reviewed, Refereed Journal*  
**ISSN : 2456-4184**

The Board of  
International Journal of Novel Research and Development  
Is hereby awarding this certificate to  
**Ankesh Yadav**

In recognition of the publication of the paper entitled  
**ANTIBACTERIAL ACTIVITY OF SAND CRAB (EMERITA ASIATICA)  
HEMOLYMPH AGAINST NILE TILAPIA (OREOCHROMIS NILOTICUS)  
INFECTED WITH AEROMONAS SALMONICIDA AND EDWARDSIELLA  
TARDA**



Published In IJNRD ( www.ijnrd.org ) ISSN Approved & 8.76 Impact Factor

Registration ID : 197103

Published in Volume 8 Issue 5, May 2023 | Date of Publication: 2023-05-29

Paper ID : IJNRD2305731

Editor-In Chief

**INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT | IJNRD**

*An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal*

**Website: www.ijnrd.org | Email: editor@ijnrd.org | ESTD: 2016**

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

Manage By: IJPUBLICATION Website: www.ijnrd.org | Email ID: editor@ijnrd.org

IJNRD | ISSN : 2456-4184





**INTERNATIONAL JOURNAL OF NOVEL RESEARCH  
AND DEVELOPMENT (IJNRD) | IJNRD.ORG**  
*An International Open Access, Peer-reviewed, Refereed Journal*  
**ISSN : 2456-4184**

The Board of  
International Journal of Novel Research and Development  
Is hereby awarding this certificate to  
**Jayanthi.J**

In recognition of the publication of the paper entitled  
**ANTIBACTERIAL ACTIVITY OF SAND CRAB (EMERITA ASIATICA)  
HEMOLYMPH AGAINST NILE TILAPIA (OREOCHROMIS NILOTICUS)  
INFECTED WITH AEROMONAS SALMONICIDA AND EDWARDSIELLA  
TARDA**



Published In IJNRD ( www.ijnrd.org ) ISSN Approved & 8.76 Impact Factor

Registration ID : 197103

Published in Volume 8 Issue 5, May 2023 | Date of Publication: 2023-05-29

Paper ID : IJNRD2305731

Editor-In Chief

**INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT | IJNRD**

*An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal*

**Website: www.ijnrd.org | Email: editor@ijnrd.org | ESTD: 2016**

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

Manage By: IJPUBLICATION Website: www.ijnrd.org | Email ID: editor@ijnrd.org

IJNRD | ISSN : 2456-4184



**INTERNATIONAL JOURNAL OF NOVEL RESEARCH  
AND DEVELOPMENT (IJNRD) | IJNRD.ORG**  
*An International Open Access, Peer-reviewed, Refereed Journal*  
**ISSN : 2456-4184**

The Board of  
International Journal of Novel Research and Development  
Is hereby awarding this certificate to

**Ragunathan M.G**

In recognition of the publication of the paper entitled  
**ANTIBACTERIAL ACTIVITY OF SAND CRAB (EMERITA ASIATICA)  
HEMOLYMPH AGAINST NILE TILAPIA (OREOCHROMIS NILOTICUS)  
INFECTED WITH AEROMONAS SALMONICIDA AND EDWARDSIELLA  
TARDA**



Published In IJNRD ( www.ijnrd.org ) ISSN Approved & 8.76 Impact Factor

Registration ID : 197103

Published in Volume 8 Issue 5, May 2023 | Date of Publication: 2023-05-29

Paper ID : IJNRD2305731

Editor-In Chief

**INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT | IJNRD**

*An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal*

**Website: www.ijnrd.org | Email: editor@ijnrd.org | ESTD: 2016**

An International Scholarly, Open Access, Multi-disciplinary, Monthly, Indexing in all Major Database & Metadata, Citation Generator

Manage By: IJPUBLICATION Website: www.ijnrd.org | Email ID: editor@ijnrd.org

IJNRD | ISSN : 2456-4184

Certificate of Publication