



**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  
**Tharnish G**

In recognition of the publication of the paper entitled  
**LoRaWAN based IoT system for fire detection**

Published In IJNRD ( [www.ijnrd.org](http://www.ijnrd.org) ) ISSN Approved & 8.76 Impact Factor

Published in Volume 7 Issue 5, May-2022 | Date of Publication: 2022-05-23

Co-Authors - Vijay S, Sadiq Basha R, Sakkeer  
mohamed N



Registration ID : 181381

Paper ID - IJNRD2205104

Editor-In Chief

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

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

**Website: [www.ijnrd.org](http://www.ijnrd.org) | Email: [editor@ijnrd.org](mailto: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](http://www.ijnrd.org) | Email ID: [editor@ijnrd.org](mailto:editor@ijnrd.org)

IJNRD | ISSN : 2456-4184

Certificate of Publication



**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

**Vijay S**

In recognition of the publication of the paper entitled  
**LoRaWAN based IoT system for fire detection**

Published In IJNRD ( [www.ijnrd.org](http://www.ijnrd.org) ) ISSN Approved & 8.76 Impact Factor

Published in Volume 7 Issue 5, May-2022 | Date of Publication: 2022-05-23

Co-Authors - Tharnish G, Sadiq Basha R, Sakkeer  
mohamed N



Registration ID : 181381

Paper ID - IJNRD2205104

Editor-In Chief

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

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

**Website: [www.ijnrd.org](http://www.ijnrd.org) | Email: [editor@ijnrd.org](mailto: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](http://www.ijnrd.org) | Email ID: [editor@ijnrd.org](mailto: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

**Sadiq Basha R**

In recognition of the publication of the paper entitled  
**LoRaWAN based IoT system for fire detection**

Published In IJNRD ( [www.ijnrd.org](http://www.ijnrd.org) ) ISSN Approved & 8.76 Impact Factor

Published in Volume 7 Issue 5, May-2022 | Date of Publication: 2022-05-23

Co-Authors - Tharnish G, Vijay S, Sakkeer  
mohamed N



Registration ID : 181381

Paper ID - IJNRD2205104

Editor-In Chief

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

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

**Website: [www.ijnrd.org](http://www.ijnrd.org) | Email: [editor@ijnrd.org](mailto: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](http://www.ijnrd.org) | Email ID: [editor@ijnrd.org](mailto:editor@ijnrd.org)

IJNRD | ISSN : 2456-4184

Certificate of Publication



**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  
**Sakkeer mohamed N**

In recognition of the publication of the paper entitled  
**LoRaWAN based IoT system for fire detection**

Published In IJNRD ( [www.ijnrd.org](http://www.ijnrd.org) ) ISSN Approved & 8.76 Impact Factor

Published in Volume 7 Issue 5, May-2022 | Date of Publication: 2022-05-23

Co-Authors - Tharnish G, Vijay S, Sadiq Basha R



Registration ID : 181381

Paper ID - IJNRD2205104

Editor-In Chief

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

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

**Website: [www.ijnrd.org](http://www.ijnrd.org) | Email: [editor@ijnrd.org](mailto: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](http://www.ijnrd.org) | Email ID: [editor@ijnrd.org](mailto:editor@ijnrd.org)

IJNRD | ISSN : 2456-4184