



**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  
**Jibin Joy**

In recognition of the publication of the paper entitled  
**Air-Drawn Character Recognition Using Ai and Pattern Recognition  
Methodology**

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



Published in Volume 8 Issue 2, February-2023 | Date of Publication: 2023-02-24

Co-Authors - Christina K O, Ashfiya A, Arundhathy  
K, Nithin S Nair

Registration ID : 187622

Paper ID - IJNRD2302182

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  
**Christina K O**

In recognition of the publication of the paper entitled  
**Air-Drawn Character Recognition Using Ai and Pattern Recognition  
Methodology**

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



Published in Volume 8 Issue 2, February-2023 | Date of Publication: 2023-02-24

Co-Authors - Jibin Joy, Ashfiya A, Arundhathy  
K, Nithin S Nair

Registration ID : 187622

Paper ID - IJNRD2302182

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

**Ashfiya A**

In recognition of the publication of the paper entitled  
**Air-Drawn Character Recognition Using Ai and Pattern Recognition  
Methodology**

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



Published in Volume 8 Issue 2, February-2023 | Date of Publication: 2023-02-24

Co-Authors - Jibin Joy, Christina K O, Arundhathy  
K, Nithin S Nair

Registration ID : 187622

Paper ID - IJNRD2302182

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

**Arundhathy K**

In recognition of the publication of the paper entitled

**Air-Drawn Character Recognition Using Ai and Pattern Recognition**

**Methodology**

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



Published in Volume 8 Issue 2, February-2023 | Date of Publication: 2023-02-24

Co-Authors - Jibin Joy, Christina K O, Ashfiya  
A, Nithin S Nair

Registration ID : 187622

Paper ID - IJNRD2302182

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





# 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

**Nithin S Nair**

In recognition of the publication of the paper entitled

**Air-Drawn Character Recognition Using Ai and Pattern Recognition**

**Methodology**

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



Published in Volume 8 Issue 2, February-2023 | Date of Publication: 2023-02-24

Co-Authors - Jibin Joy, Christina K O, Ashfiya  
A, Arundhathy K

Registration ID : 187622

Paper ID - IJNRD2302182

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