



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation
Is hereby awarding this certificate to

Karthikeya Y

In recognition of the publication of the paper entitled
**Harnessing Tesla Coil Electric Arcs as a Physical Entropy Source for
Cryptographic Key Generation**

Published in Volume 10 Issue 6, June-2025

Co-Authors - Karthikeya Y, Karthik G, Madhumitha
V, Dr. I. Bremanavas

Paper ID - IJRTI2505151

Editor-In Chief



INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

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

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

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



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation
Is hereby awarding this certificate to

Karthikeya Y

In recognition of the publication of the paper entitled
**Harnessing Tesla Coil Electric Arcs as a Physical Entropy Source for
Cryptographic Key Generation**

Published in Volume 10 Issue 6, June-2025

Co-Authors - Karthikeya Y, Karthik G, Madhumitha
V, Dr. I. Bremanavas

Paper ID - IJRTI2505151



Editor-In Chief

INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

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

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

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



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation
Is hereby awarding this certificate to

Karthik G

In recognition of the publication of the paper entitled
**Harnessing Tesla Coil Electric Arcs as a Physical Entropy Source for
Cryptographic Key Generation**

Published in Volume 10 Issue 6, June-2025

Co-Authors - Karthikeya Y, Karthikeya
Y, Madhumitha V, Dr. I. Bremanavas

Paper ID - IJRTI2505151



Editor-In Chief

INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

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

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

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



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation
Is hereby awarding this certificate to

Madhumitha V

In recognition of the publication of the paper entitled
**Harnessing Tesla Coil Electric Arcs as a Physical Entropy Source for
Cryptographic Key Generation**

Published in Volume 10 Issue 6, June-2025

Co-Authors - Karthikeya Y, Karthikeya Y, Karthik
G, Dr. I. Bremanavas

Paper ID - IJRTI2505151



Editor-In Chief

INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

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

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

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



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation
Is hereby awarding this certificate to

Dr. I.Bremanavas

In recognition of the publication of the paper entitled
**Harnessing Tesla Coil Electric Arcs as a Physical Entropy Source for
Cryptographic Key Generation**

Published in Volume 10 Issue 6, June-2025

Co-Authors - Karthikeya Y, Karthikeya Y, Karthik
G, Madhumitha V

Paper ID - IJRTI2505151



Editor-In Chief

INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

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

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

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