

NAME OF PROJECT:

Portfolio website for Dr. AK Mohapatra

SUBJECT:

IT Workshop II (MCA-110)

SUBMITTED TO:

Ms. Manu Shree

SUBMITTED BY:

Shweta Rawat

ENROLLMENT NO.:

06304092023

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PROBLEM STATEMENT

In today's digital age, a strong online presence is essential for professionals to showcase their expertise and achievements effectively.

Despite his distinguished academic and professional journey, Dr. Mohapatra lacks an online portfolio tailored to highlight his significant contributions to the field.

The absence of a dedicated website limits his visibility and engagement within the professional community and to potential collaborators, employers, and students.

Therefore, there is a need to develop a comprehensive online portfolio that effectively represents Dr. Mohapatra's professional profile.

02. a)

SOLUTION

Developing a visually appealing and informative online portfolio website for Dr. A.K. Mohapatra that showcases his qualifications, experience, and accomplishments.

02. b)

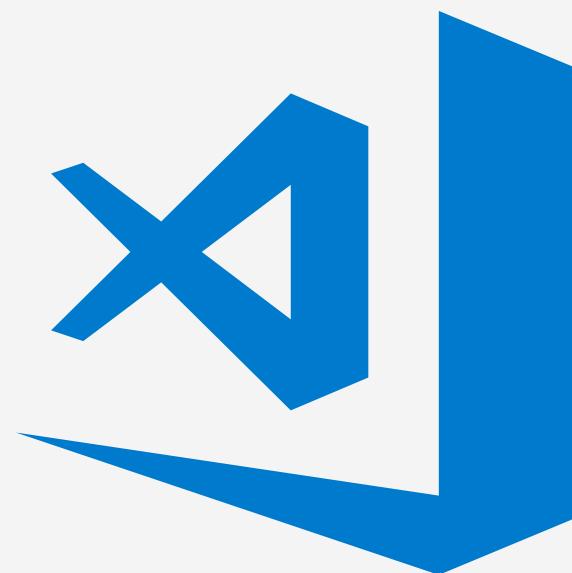
OBJECTIVES

1. **Establish a strong online presence** for Dr. A.K. Mohapatra by developing an interactive and visually appealing portfolio website.
2. **Highlight Dr. Mohapatra's academic qualifications**, professional experience, and significant contributions in his field of expertise.
3. **Enhance visibility and engagement** within the professional community by showcasing Dr. Mohapatra's achievements and expertise effectively.
4. Create a **comprehensive platform** that accurately represents Dr. Mohapatra's professional profile and **fosters networking opportunities** within his industry.

03

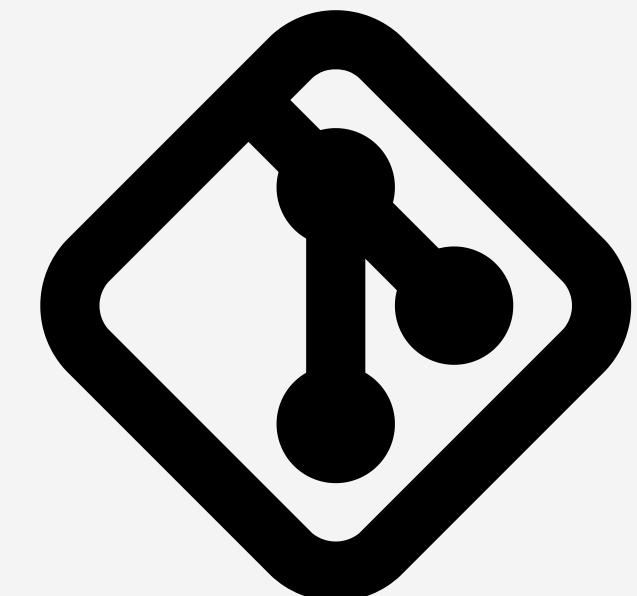
TECH STACK USED:

Development tools:

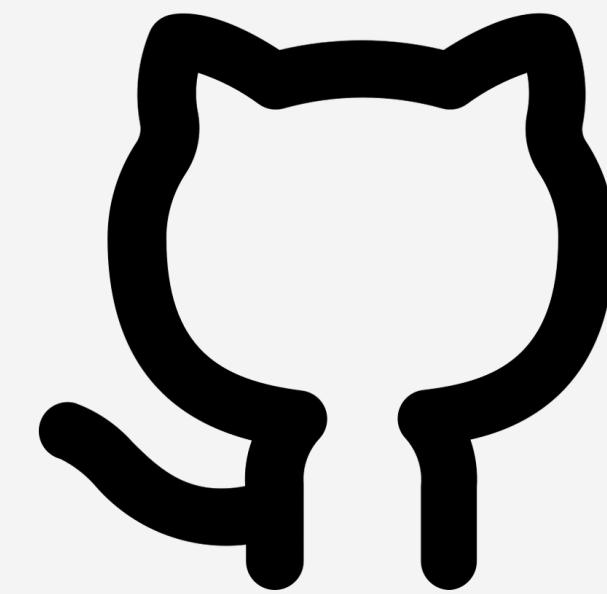


Visual Studio Code

Version control:



Git



Github

03

TECH STACK USED:

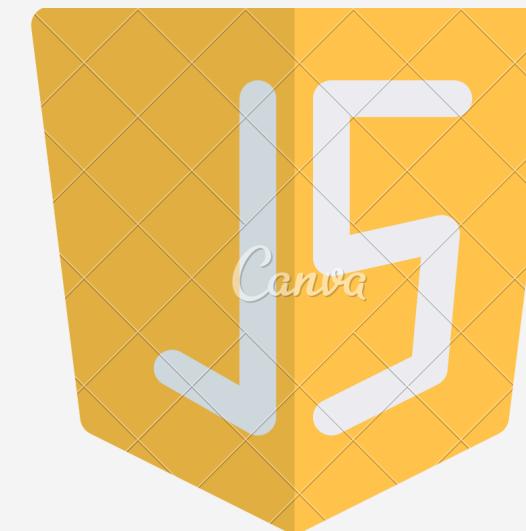
Frontend Development:



HTML

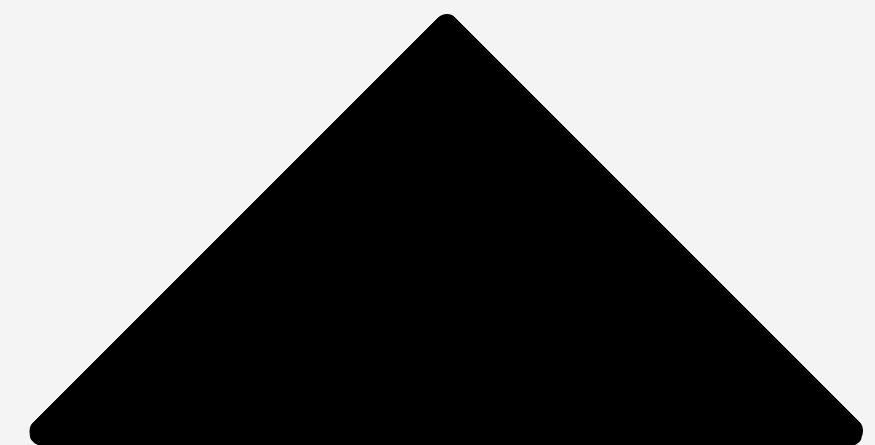


CSS



Javascript

Deployment:



Vercel

PAGES AND FEATURES OF WEBSITE:

Home Page:

The image shows a screenshot of a website's home page. On the left side, there is a large circular portrait of a man with short dark hair, wearing a light-colored shirt and a dark blazer. To the right of the portrait, the text "Dr. AK" is written in a bold, green, sans-serif font. Below it, the name "Mohapatra" is written in a larger, bold, green, sans-serif font. Underneath the name, the acronym "HOD" is written in a smaller, italicized, blue serif font. To the far right of the page, there is a vertical column containing six circular icons. From top to bottom, the icons represent: a person (user profile), a house (home), a person (user profile), a document (information), a computer monitor (data visualization), and an envelope (communication).

Home Page:

When hovering over the image, it transitions from black and white to color.
This is followed throughout the website.



Home Page:

The various job fields that Dr. Mohapatra has worked in appear in alternating text beneath his name, highlighting the diverse nature of his experience.

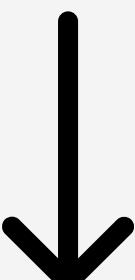
Dr. AK
Mohapatra
Professor

Dr. AK
Mohapatra
Researcher

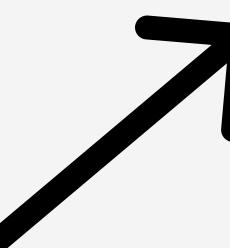
Dr. AK
Mohapatra
Cheif Technical Advisor



Dr. AK
Mohapatra
PhD Supervisor



Dr. AK
Mohapatra
HOD



Home Page:

All these texts are clickable and lead to a web page related to that job.

**Dr. AK
Mohapatra**
PhD Supervisor



PHD SCHOLARS UNDER ME:



The image shows three separate head-and-shoulders portraits of young women, each in a different pose and setting. The woman on the left has long dark hair and is wearing a light-colored collared shirt. The woman in the middle has shoulder-length dark hair and is wearing a dark top. The woman on the right has long dark hair tied back and is wearing a light-colored collared shirt. They are all smiling at the camera.

Home Page:

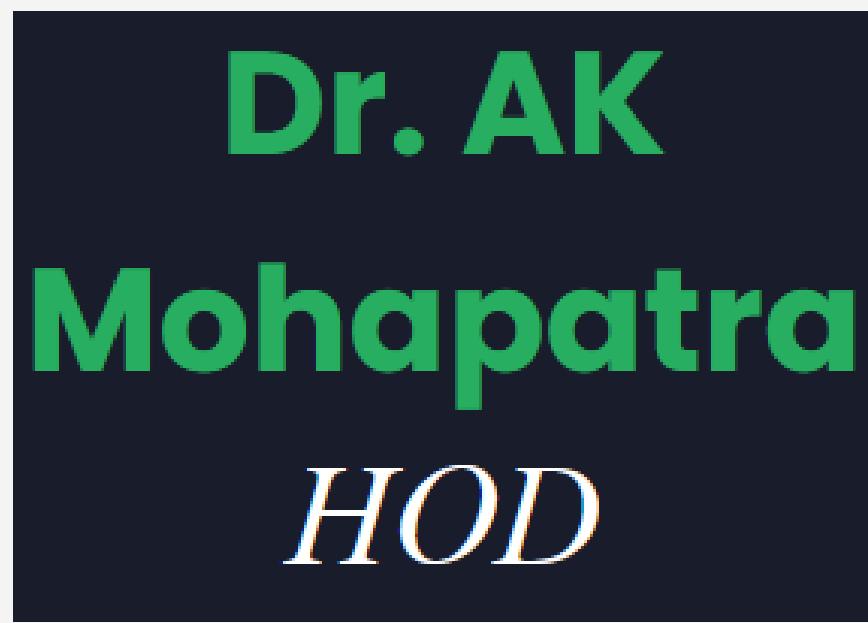
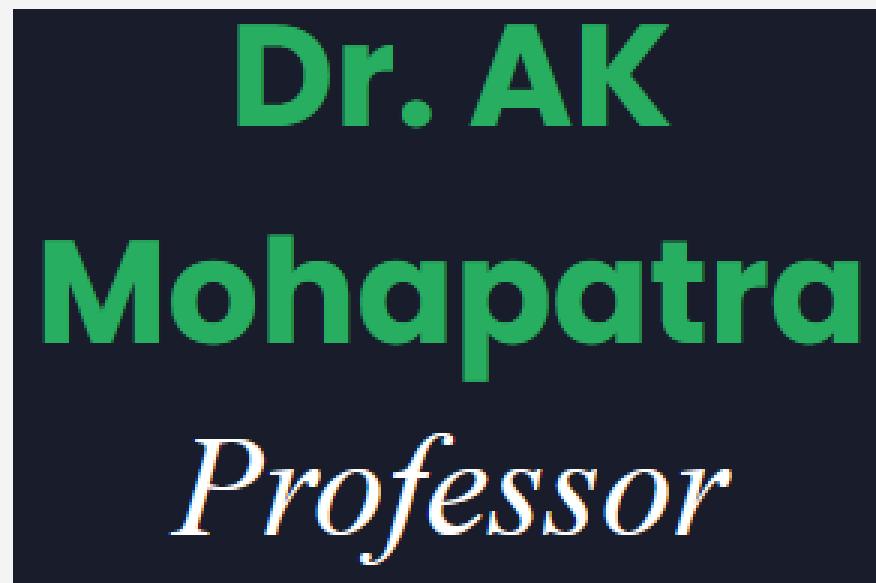
**Dr. AK
Mohapatra**
*Cheif Technical
Advisor*



INITIATIVES AS CHIEF TECHNICAL OFFICER AT **DELHI POLICE**:



Home Page:



Home Page:

**Dr. AK
Mohapatra
Researcher**



MY ALL RESEARCH PAPERS:					
<input type="text" value="Search for titles.."/>					
Title	Author(s)	Journal/Conference	Volume/Issue/Pages	Publication Year	Citation Count
Dissecting wireless body area networks routing protocols: Classification, comparative analysis, and research challenges	B. Narwal, M. Malik, AK. Mohapatra, N. Balyan, V. Shukla, M. Kumar	International Journal of Communication Systems	37 / 1 / e5637	2024	-
A face recognition taxonomy and review framework towards dimensionality, modality and feature quality	Ipsita Pattnaik, Amita Dev, AK. Mohapatra	Engineering Applications of Artificial Intelligence	126 // 107056	2023	1
BPADTA: Blockchain-based privacy-preserving authentication scheme for digital twin empowered aerospace industry	P. Aggarwal, B. Narwal, S. Purohit, AK. Mohapatra	Computers and Electrical Engineering	111 // 108889	2023	-

Home Page:

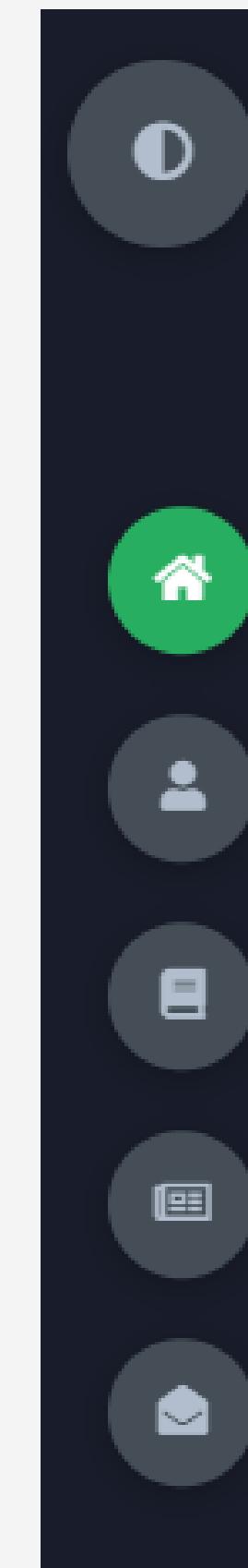
There is a search option on the research papers page where papers can be searched using their title.

MY ALL RESEARCH PAPERS:

security

Title	Author(s)	Journal/Conference	Volume/Issue/Pages	Publication Year	Citation Count
An Approach for Verification of Secure Access Control Using Security Pattern	C Gupta, RK Singh, AK Mohapatra	Wireless Communications and Mobile Computing	11 -	2022	-
A formal approach for implementing security constraints in security patterns	C Gupta, RK Singh, AK Mohapatra	9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO)	- 1 - / 1-7	2021	3
A survey on security and authentication in wireless body area networks	B Narwal, AK Mohapatra	Journal of Systems Architecture	113 / - / 101883	2021	75
Securing web applications using	C Gupta, RK Singh, AK	ICT for Competitive Strategies	- / - / 485-494	2020	3

Home Page:



To change the theme of the page



Home Page



About Page



PhD Students page

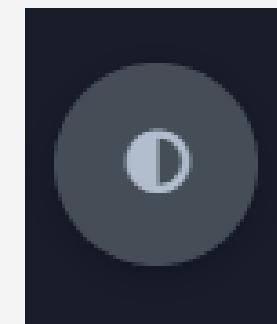


Research Paper page



Contact Information Page

Theme change:



To change the theme of the page

About me page:

MABOUT MESTS

I'm currently working as a HOD of IT department in IGDTUW.

I've keen interest in research. My key area of research being cybersecurity, cryptography.

In past I've worked with Delhi Police as a Chief Technical Advisor.

30+
RESEARCH PAPER PUBLISHED

10+
YEARS OF EXPERIENCE

5+
PHD STUDENTS GUIDED

- 0
- Home
- User
- Document
- File
- Email

About me page:



About me page:

Work Experience timeline

Work Experience



Professor and HoD in the Dept of IT – Indira Gandhi Delhi Technical University for Women

1st April 2021 – present

Subjects taught.

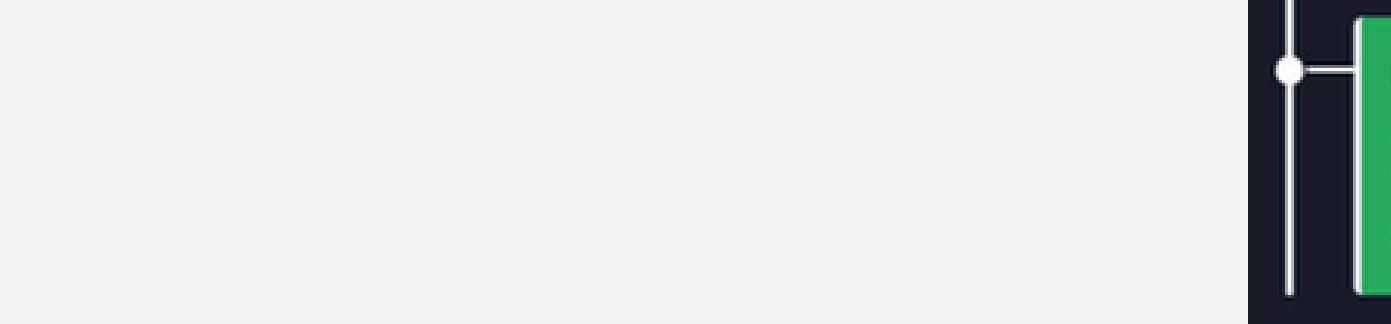
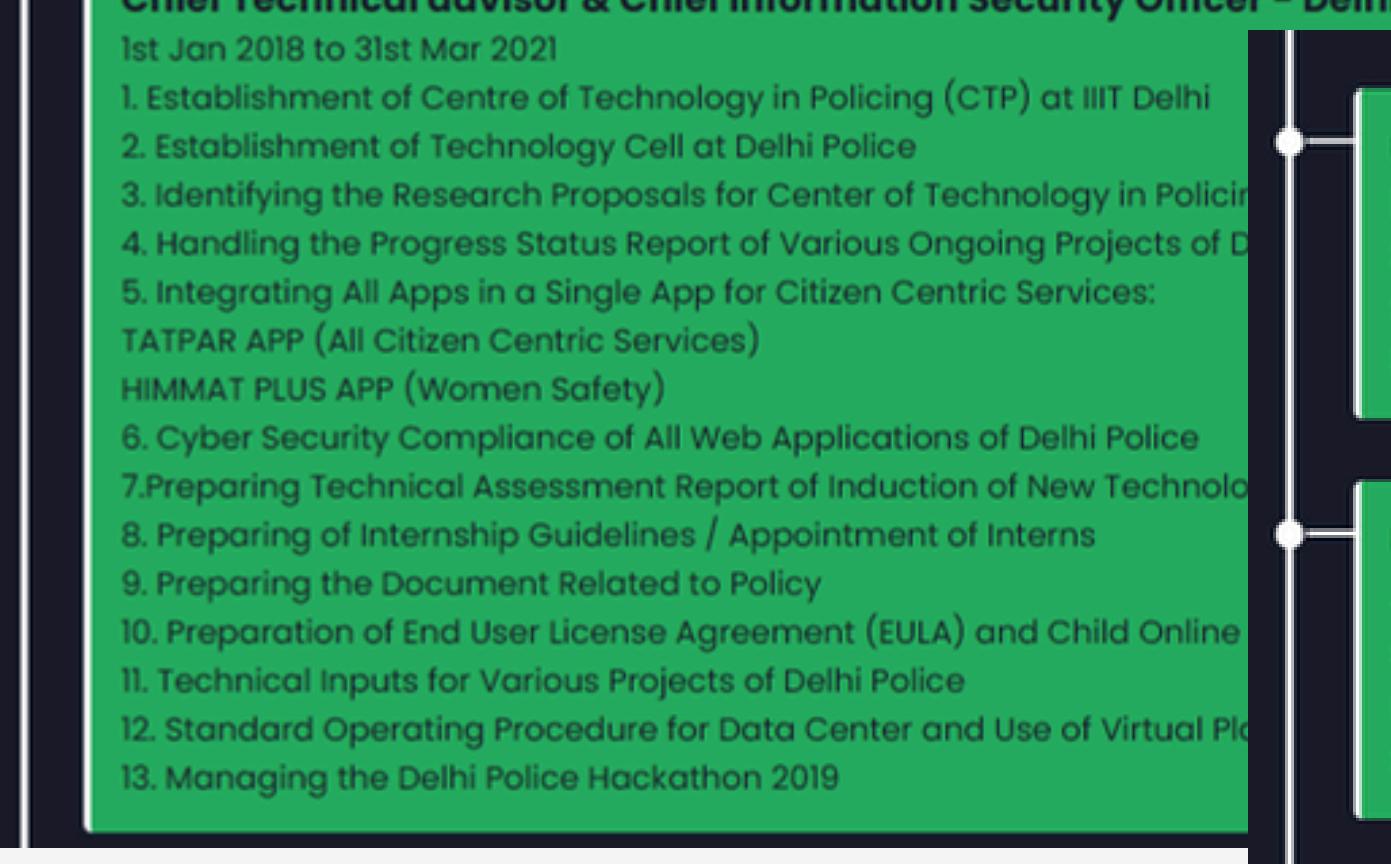
Initiatives.



Chief Technical advisor & Chief Information Security Officer – Delhi Police

1st Jan 2018 to 31st Mar 2021

1. Establishment of Centre of Technology in Policing (CTP) at IIIT Delhi
2. Establishment of Technology Cell at Delhi Police
3. Identifying the Research Proposals for Center of Technology in Policing
4. Handling the Progress Status Report of Various Ongoing Projects of Delhi Police
5. Integrating All Apps in a Single App for Citizen Centric Services:
TATPAR APP (All Citizen Centric Services)
HIMMAT PLUS APP (Women Safety)
6. Cyber Security Compliance of All Web Applications of Delhi Police
7. Preparing Technical Assessment Report of Induction of New Technologies
8. Preparing of Internship Guidelines / Appointment of Interns
9. Preparing the Document Related to Policy
10. Preparation of End User License Agreement (EULA) and Child Online Protection Act (COPPA)
11. Technical Inputs for Various Projects of Delhi Police
12. Standard Operating Procedure for Data Center and Use of Virtual Private Network (VPN)
13. Managing the Delhi Police Hackathon 2019



Professor & HoD of Department of IT – Indira Gandhi Delhi Technical University for Women

30th Sept 2017 - 31st Dec 2017

Subjects taught.

Initiatives taken.



Associate Professor – University School of Information and Communication Technology (USICT), GGS.IndraPrastha University Dwarka

5th Dec 2013 – 30th Sept 2014

Subjects Taught



Asst Professor – Indira Gandhi Delhi Technical University (Erstwhile IGIT)

14th Aug 2002 – 5th Dec 2013

Subjects Taught

About me page:

Education timeline

Education



PhD GGSIP University

2010

Subject of thesis:Information Security- Cryptography

Grade:



Masters in Information Technology ISM(IIT Dhanbad)

2000-2002

Subject of thesis.

Grade:



Bachelor's in Information Technology Institute name



1998 - 2002

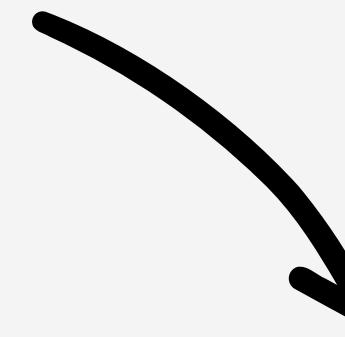
Project

Grade:

PhD Students page:

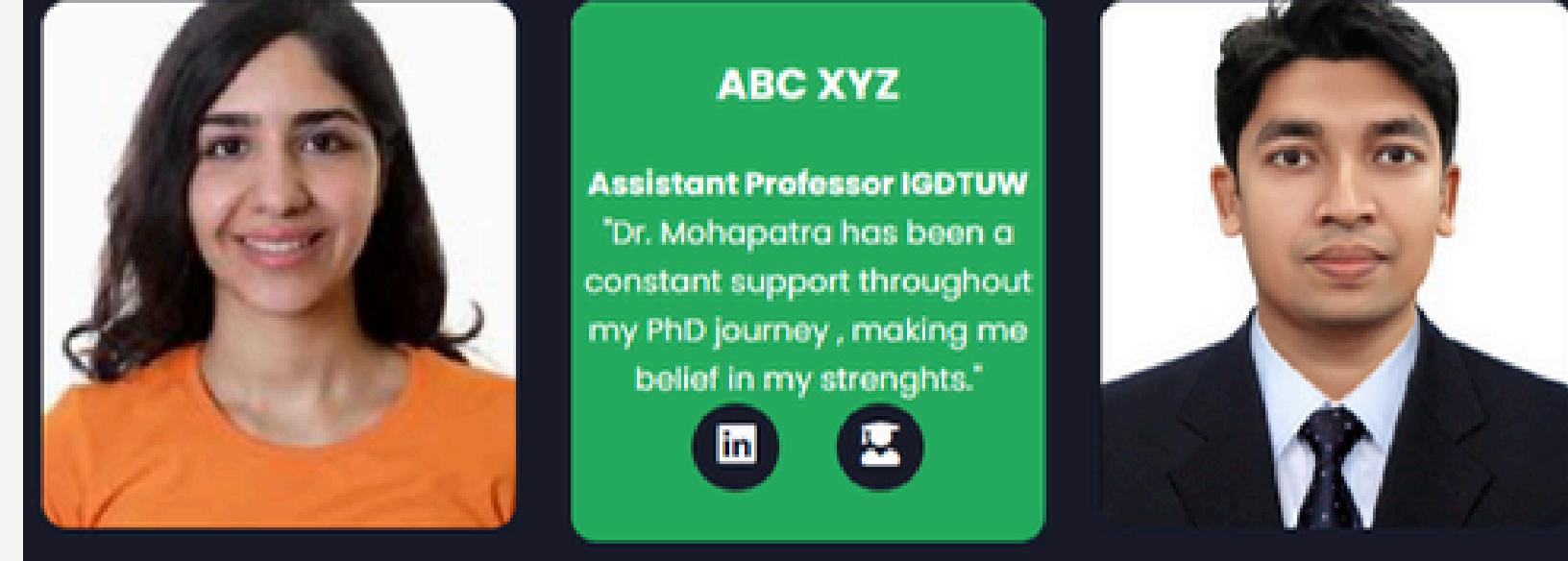
MY PHD STUDENTS

Here are current and past PhD Scholars whom I've guided



MY PHD STUDENTS

Here are current and past PhD Scholars whom I've guided



ABC XYZ

Assistant Professor IGDTUW

"Dr. Mohapatra has been a constant support throughout my PhD journey , making me belief in my strengths."



Research Papers Page:

This page has a link that takes us to all the research papers by Dr. A.K. Mohapatra and also highlights some of his key research papers.

MY RESEARCH PAPERS

All Research Papers
Click here to view all research papers.

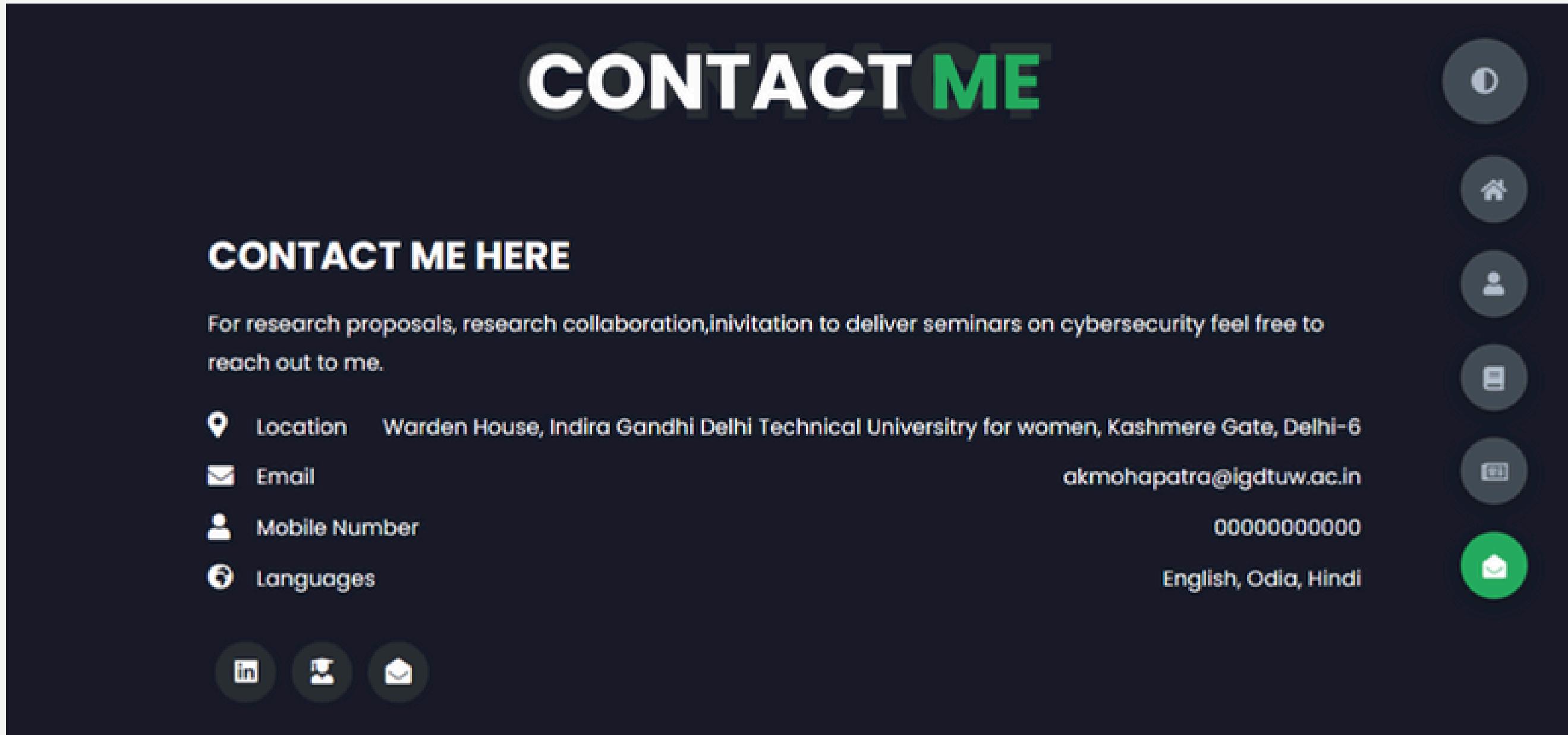
**Coauthored
Taxonomy of cyber
threats against
target applications**

**Cyber threat
intelligence
framework using
advanced malware**

- Profile icon
- Home icon
- User icon
- Document icon
- Email icon

Contact Information Page:

This page provides detailed information on how students and fellow researchers can contact Dr. A.K. Mohapatra for research proposals, collaborations, and other inquiries.



The image shows a "CONTACT ME" page with a dark background. At the top, there is a large "CONTACT ME" logo with a green "ME". Below it, a section titled "CONTACT ME HERE" contains text: "For research proposals, research collaboration, invitation to deliver seminars on cybersecurity feel free to reach out to me." To the right of this text is a vertical column of circular icons with white symbols: a person (top), a house, a person, a document, a document, a person, a document, and a mail icon (bottom). Below the text, there are four data entries with icons: a location pin for "Location" (Warden House, Indira Gandhi Delhi Technical University for women, Kashmere Gate, Delhi-6), an envelope for "Email" (akmohapatra@igdtuw.ac.in), a mobile phone for "Mobile Number" (0000000000), and a globe for "Languages" (English, Odia, Hindi). At the bottom, there are three small circular icons with white symbols: a person, a graduation cap, and an envelope.

CONTACT ME

CONTACT ME HERE

For research proposals, research collaboration, invitation to deliver seminars on cybersecurity feel free to reach out to me.

Location Warden House, Indira Gandhi Delhi Technical University for women, Kashmere Gate, Delhi-6

Email akmohapatra@igdtuw.ac.in

Mobile Number 0000000000

Languages English, Odia, Hindi

Contact Information Page:

Dr. A.K. Mohapatra's Google Scholar account is accessible through the icon provided on this page.

CONTACT ME HERE

For research proposals, research collaboration or any other query please reach out to me.

Location Warden House, Indira Gandhi Delhi Technical University for Women, Sector 14, Dwarka, New Delhi - 110075, India

Email akmohapatra@igdtuw.ac.in

Mobile Number +91 98103 40000

Languages English



Google Scholar

SIGN IN

Dr. A K Mohapatra

Professor, IGDTUW
Verified email at igdtuw.ac.in

Cryptography Information Security Wireless security

FOLLOW

GET MY OWN PROFILE

Cited by

VIEW ALL

	All	Since 2019
Citations	629	550
h-index	13	12
i10-index	20	19

TITLE CITED BY YEAR

A survey on security and authentication in wireless body area networks 88 2021
B Narwal, AK Mohapatra
Journal of Systems Architecture 113, 101883

Towards a taxonomy of cyber threats against target applications 43 2019
B Narwal, AK Mohapatra, KA Usmani
Journal of Statistics and Management Systems 22 (2), 301-325

An insight into digital forensics branches and tools 41 2016
N Kumari, AK Mohapatra
2016 International Conference on Computational Techniques in Information and ...

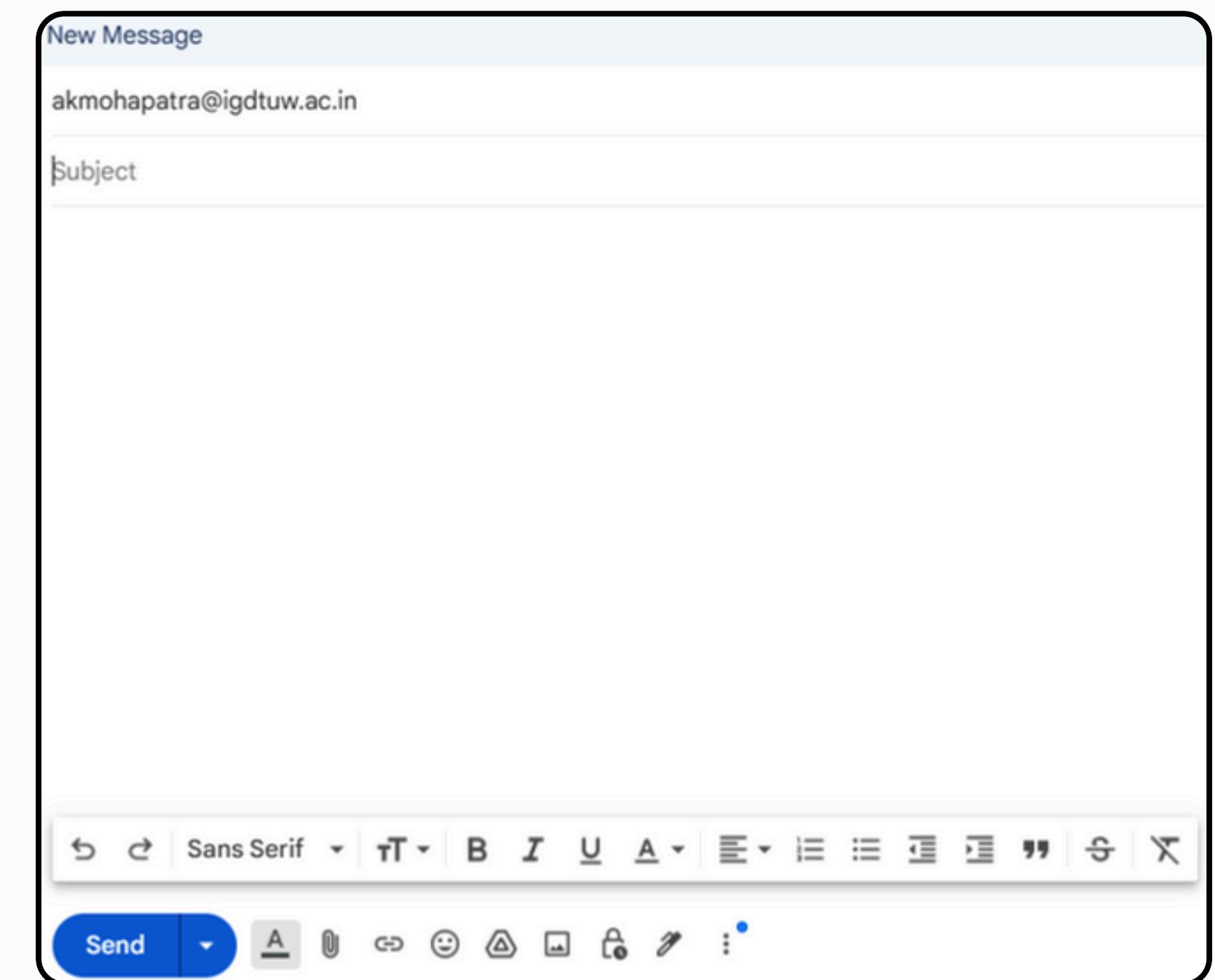
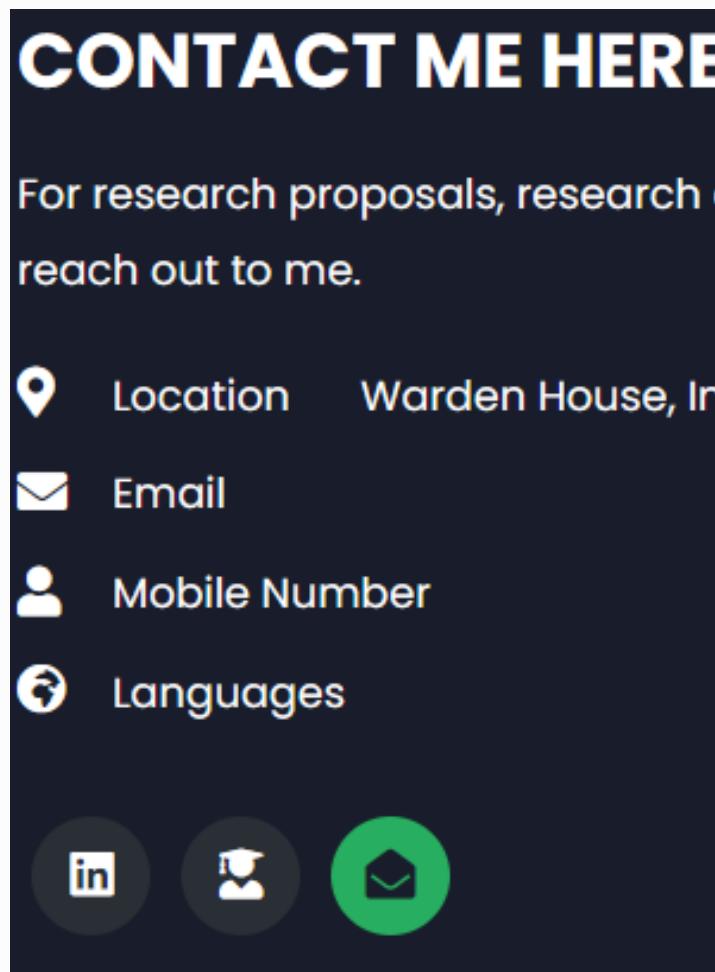
Digital image authentication model based on edge adaptive steganography 38 2013
N Grover, AK Mohapatra
2013 2nd International Conference on Advanced Computing, Networking and ...

SEEMAKA: Secured energy-efficient mutual authentication and key agreement scheme for wireless body area networks 35 2020

2017 2018 2019 2020 2021 2022 2023 2024 0 45 90 135 180

Contact Information Page:

Upon clicking the email icon, a pre-filled email dialogue box opens, with Dr. Mohapatra's email address already entered.



FUTURE SCOPE

- Enhance website responsiveness for optimal viewing across devices.
- Increase interactivity with animations and multimedia elements.
- Integrate a submit form for streamlined communication.
- Migrate to a professional hosting platform for a custom domain name.

THANK YOU!