

# KANISHGA I

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**About Me** - Dedicated and detail-oriented Forensic Science graduate with hands-on experience in both physical evidence analysis and cybersecurity. Passionate about applying forensic techniques and ethical hacking skills to investigative work. Seeking a dynamic role in forensic or cybersecurity domains to contribute technical knowledge and analytical skills to real-world cases. With over a year of hands-on experience, I continuously learn and apply strong problem-solving skills to deliver impactful results using the knowledge I've gained.



## SKILLS

- **Forensic Tools:** Fingerprint Analysis, Question Document, Microscopy, Crime Scene Documentation, Document Examination.
- **Cybersecurity Tools:** Burp Suite, SQLMap, Nessus, Maltego, Hashcat
- **Ethical Hacking:** Reconnaissance, Scanning, Exploitation Techniques - FTK Imager, Autopsy, EnCase, Cellebrite UFED, Ethical hacking, Write Blockers.
- **Networking Basics:** TCP/IP, Port Scanning
- **Security Concepts:** Ethical Hacking, Vulnerability Assessment, Penetration Testing, Network Security
- Microsoft Office, Report Writing
- **Soft Skills:** Strong communication, Problem-solving, Attention to detail, Team collaboration, Legal understanding and compliance

## EXPERIENCE

### Internships

#### PG Internship – TEXIAL Cyber Security, Bangalore

**Designation:** *Cyber Security Analyst Intern.*

**Duration:** 8 February 2025 to 8 May 2025

**Department:** *Cyber Security & Ops*

- Gained hands-on experience in ethical hacking techniques and penetration testing.
- Used tools like Burp Suite, Nmap, Wireshark, and Metasploit on simulated environments.
- Conducted vulnerability scans, documented risk findings, and worked on basic SOC reports.
- Understood cyber incident response workflows and log analysis techniques.

[Certificate link](#)

#### UG Internship – Forensic Evidence Analysis

##### Forensic Intern – Clue for Evidence (Forensic Lab/Consultancy)

*Crime Scene Analysis and Evidence Handling*

*(During UG) In the month of June 2022*

- Assisted in mock crime scene investigations, evidence documentation, and chain-of-custody protocols.
- Practiced fingerprint lifting, trace analysis, DNA collection, and toxicological screening.
- Shadowed forensic professionals in lab-based activities such as document examination and ballistics testing.

## EDUCATION

MSc in Forensic science | Garden City University | 80.37% | 2025

BSc in Forensic science | Kalasalingam Academy of Research and Education | 76.00 | 2023

Higher secondary course- second year |SBK Girl's higher secondary school | 56.17%|  
2020

Secondary Education (10th) | Syed Ammal matric girls higher secondary school | 86.60% | 2018

## PROJECTS

### **A study on identification of half-life of poisons in pig carcass using Raman spectroscopy | (May 2023 - Aug 2023)|**

- To study the half-life of poison in decaying body within the regular interval of time using Raman spectroscopy.
- To identify the half-life pesticide malathion in the pig carcass during different intervals of time using Raman spectroscopy. To identify the half-life pesticide chloropyriphos in the pig carcass during different intervals of time using Raman spectroscopy.
- The research is an experimental study. The samples are analyzed in regular intervals

**Tools Used:** Raman spectroscopy.

### **Development of ecofriendly fingerprint powder | Nov2023 - Dec2023|**

- The fingerprint powder that we are currently using contain lead and mercury components which is toxic in nature.
- Our goal is to make an ecofriendly organic finger print powder and make it available commercially in affordable prices.

**Tools Used:** motor and pestle, comparison microscope, uv lights and compound microscope.

### **Forensic Examination of Occupational Marks in Fingerprint and Palm Print of Electrician and Mechanic Workers: A Review |Oct 2024 – Nov 2024|**

- Occupational marks in fingerprints and palm prints are of significant forensic interest as they can provide crucial evidence for personal identification and professional profiling.
- Electricians and mechanics often exhibit distinctive occupational-related characteristics on their fingerprints and palm prints due to the nature of their work, involving handling tools, machinery, and exposure to specific substances.
- This paper reviews existing literature on the forensic examination of occupational marks in fingerprints and palm prints of electrician and mechanic workers. It explores the impact of occupational wear, discusses methodologies used to examine these marks, and evaluates their potential application in forensic investigations.

### **Survey on the Underutilization of Forensic Expertise in India: Examining the Dominance of Law Enforcement in Evidence Collection and Investigations| Feb 2025- April 2025|.**

- Forensic science can significantly enhance criminal investigation equity and accuracy. In India, though, forensic experts are likely to remain underutilized as investigation and case investigation are still being performed by law enforcement agencies.

- This article documents findings of a survey of 230 respondents half of them being forensic experts and other non-forensic respondents like law enforcers exhibiting a wide perceptual gap.
- While forensic experts emphasize the need for independent intervention so that objective outcomes would be achieved, police respondents strongly favor conventional investigation methods.
- Systemic barriers like training constraints, availability limitations, and formalization of processes also discourage effective integration of forensic science.
- The research highlights efforts at policy reform that accord forensic experts a more active role, long building India's justice system credibility and objectivity.

**Tools Used:** MS Excel, Google Forms.

## CERTIFICATES and WEBINARS

### 1. Texial information security auditor Texial information security auditor

Texial Issued Jul 2025 · Expires Jul 2028 [Certificate link](#)

- **Skills:** Cybersecurity · Information security auditor.

### 2. Forensic Accounting and Fraud West Virginia University, Coursera [Certificate link](#).

### 3. Penetration Testing, Incident Response and Forensics IBM, Coursera. [Certificate link](#)

### 4. Sustainable Tourism – promoting environmental public health, Coursera. [Certificate link](#)

### 5. Wonders of Forensic Odontology – Case Study 2021, Vidh Forensics

### 6. The ACE-V Methodology of Fingerprint Examination 2021, vidh forensics

### 7. Forensic science – Exercising the Right perspective 2021, JAIN.

### 8. Role of DNA Fingerprinting in Resolving the crime 2021, Acropolis enlightening wisdom

### 9. Everyday cell culture practice- Improve reproducibility of your cell culture 2021, lab roots.

**LANGUAGES** – English, Tamil.

**INTERESTS** Crime Scene Investigation and Reconstruction, Digital Forensics and Cybercrime Detection, Document and Handwriting Examination, Fingerprint Analysis and Documentation, Ethical Hacking and Cybersecurity Forensics.