

Abi KS
+917829043823/ Abiks.mmc@gmail.com

Summary

Currently employed as Assistant Professor at Mary Matha College of Arts & Science, Theni. A dynamic, team-spirited, and performance driven professional ready to take on a challenging and high-performance oriented role in the field of forensic science to develop advanced projects with efficiency and quality.

Core Competencies

Forensic Analysis People Coordination Research & Development Reporting Project Planning
Communications Evaluation

Education

JAIN UNIVERSITY 2016 June-2019 May Bachelors in Science: Forensic Science

- BEST ORGANIZER AWARD FROM JAIN UNIVERSITY
- OUTSTANDING ACHIEVEMENT AWARD FROM JAIN UNIVERSITY • Relevant Coursework : General Forensic Science, Forensic Chemistry, Forensic Anthropology, Forensic Reporting, Instrumentation, Internship and Training in FSL's and Police Commissioner Office

CHANDIGARH UNIVERSITY 2019 August-2021 June Masters in Forensic Science and Toxicology

- 2nd Rank in University
- Relevant Coursework: Forensic Anthropology, Forensic Chemistry and Toxicology, Forensic Pharmacology and Instrumental analysis, Research work in Trace evidence and review work on Novel Psychotic Substances (Brorphine)

Conferences

- Paper presented on "**Current trends in Forensic Entomotoxicology**" in "**2nd International conference on recent development in Forensic Science**" conducted from 10.10.22-11.10.22 at VGU, Jaipur
- Paper presented on "**A Systematic review on Restoration of obliterated serial codes from Iron and Steel surface by Chemical etching process**" in **International Forensic Forum 2021: Traversing through the Crime, Criminal Mind to the Courtroom** conducted from 28/06/2021 to 30/06/2021
- Leadership training during Asia world model united nations II, Bangkok, Thailand (Jan 31-Feb 3 2019).

Professional Experience

Mary Matha College of Arts & Science, Theni July-December 2021 Lecturer in Forensic Science

- Theoretical and Practical classes in Forensic Science
- Organized national and International Seminars for students

- Project guide

MES Kalladi College of Arts and Science, Mannarkkad December 2021-December 2022 Head and Assistant Professor

- Theoretical and Practical classes in Forensic Science
- Department- Internal Quality and Assurance Cell
- Dissertation guide – 4 students

Mary Matha College of Arts & Science, Theni January 2023-Ongoing Lecturer in Forensic Science

- Theoretical and Practical classes in Forensic Science

Board of Studies Subject (Expert Member)

- Department of Criminology, CMS college of Science and Commerce
- Department of Forensic Science, Nehru College of Arts and Science (Autonomous)

Trainings And Internships

- Intern at Derb, crime branch, narcotic bureau, fingerprint bureau, district photographic bureau of district police office Kottayam, Kerala police. (May 2019)
- Intern at Regional Forensic Science Laboratory, Kochi (march 2021)
- Intern at District Crime Branch, Kochi city police Commissionarate, Ernakulam (march 2021)
- Intern at orm, Chandigarh university (Mar-Aug 2020)
- Volunteer at district administration and disaster management authority, Kottayam (July-October 2020)

Publications

- Navjot Kaur, K.S. Abi, Priyanka Verma, Meenakshi Mahajan, An elemental analysis of Indian automotive paint using SEM-EDS, Materials Today: Proceedings, Volume 48, Part 5, 2022, Pages 1748-1753, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2021.10.046>.
- Navjot Kaur, Abi K. S., Priyanka Verma. (2021). An Instrumental Approach for Analysing Automotive Paint – A Review. *Annals of the Romanian Society for Cell Biology*, 4504–4513.
- Abi, K. S., Haritha, Rajendran, A., & Moopath, V. (2022). Entomotoxicology; development and current applications in forensic science. *International Journal of Medical Toxicology & Legal Medicine*, 25(3and4), 183–190. Doi:10.5958/0974-4614.2022.00074.2
- A systematic review on Restoration of obliterated serial codes from iron and steel surface by chemical etching process (Manuscript accepted) - Journal of Forensic Chemistry and Toxicology- Red Flower Publication
- Brorphine, emerging synthetic opioid- Forensic Toxicological view- (Manuscript under Review) European Journal of Translational and Clinical Medicine
- A Systematic review on the Features and Characteristics of Hesitation wounds and• Defense Wounds due to sharp force fatality (Manuscript under review) – Egyptian Journal of Forensic Science

Current Project

- Organic and Inorganic analysis of GSR residue obtained from different firearms using ICP-OES

& GC-MS (Research fund- IQAC MES Kalladi College, Mannarkkad)

Certifications

- E-Course on PREPARING AND RESPONDING TO ACTIVE SHOOTER INCIDENT by United Nations Department of Safety and Security.
- E-Course on UNDERSTANDING TRANSNATIONAL ORGANIZED CRIME by United Nation on Drug and Crime Control. E-Course on BSAFE by United Nations Department of Safety and Security
- E-Course on INFORMATION SECURITY AWARENESS FOUNDATIONAL by United Nations Department of Safety and Security
- E-Course on INFORMATION SECURITY AWARENESS-ADVANCED by United Nations Department of Safety and Security
- E-Course on JUSTICE AND POLICING by United Nations.
- E-Course on INFORMATION SECURITY AWARENESS-ADDITIONAL by United Nations Department of Safety and Security
- E-Course on HUMAN RIGHTS IN THE COMMUNITY by United Nation on Drug and Crime Control
- E-Course on ADVANCED ANTI-CORRUPTION: PREVENTION OF CORRUPTION by United Nation on Drug and Crime Control
- E-Course on DNA DECODED by Coursera from McMaster University↗ • E-Course on Impacting the Opioid Crisis: Prevention, Education, and Practice↗ for Non Prescribing Providers by Coursera from University of MICHIGEN
- E-Course on Introduction to International Criminal law by Coursera Case↗ Western Reserve University. E-Course on REAL BONES: Adventures in Forensic Anthropology by↗ Coursera from PRINCETON University
- E-Course on New Approaches to Countering Terror: Countering Violent↗ Extremism by Coursera from University of Maryland.
- E- Course on Prevention of Sexual offences from UNICEF