



ChM. Dr. Linthini Gannetion, Ph. D (Forensic Document Examination), BCILLA, CHE(IFS) ACFE, MMIC, M-IAAI, IADE

Questioned Document Examiner

Certified Handwriting Expert (IFS)

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IKM Membership number: M/6385/10202/23

Academic Qualifications

- Ph. D (Forensic Document Examination) USM, Fast-track programme (2023)
- BSc. (Hons) Forensic Science, Universiti Sains Malaysia (2016), graduated with First Class Honors.
- Diploma in Medical Laboratory Technology, Universiti Sultan Zainal Abidin (2012)
- Basic Certificate Course in Insurance Loss Adjusting (BCILLA), The Malaysian Insurance Institute (2019)

Professional Qualifications & Memberships

- Member of Forensic Science Society Malaysia (FSSM)
- Member of The Chartered Society of Forensic Sciences, UK (CSFS)
- Member of Association of Certified Fraud Examiner (ACFE)
- Certified Chemist by Malaysian Institute of Chemistry (MMIC)
- Member of International Association of Document Examiner (IADE)

Field Training and Certification

September 2015 to January 2016:

Underwent training at Document Examination Division, Royal Malaysian Police (RMP)

February 2016 to June 2016:

Underwent training at Document Examination Department, Department of Chemistry, Malaysia.

January 2019 to August 2019:

Underwent on-the-job skill enhancement training with experts from Department of Chemistry, Malaysia

January 2024-May 2024

Enrolled into the 'handwriting expert' certification programme offered International Forensic Sciences (IFS), a startup recognized by Government of India, ISO Certified body under the Government of India and passed the examination required for certification.

Underwent training provided by Regula Forensic Science System on 18 April 2024 for the 'Usage of the Video Spectral Comparator Regula 4306'. Authorized to operate with the

Regula 4306 device and to provide training of using the device upon completion of the training.

Completed 8 hours of training at the 2024 Interactive Seminar and Workshop organized by the International Association of Document Examiners held on September 9-11, 2024.

Completed 20 hours of training at the NADE/AFDE Annual Continuing Education Symposium organized by the National Association of Document Examiners and Association of Forensic Document Examiners held on October 3-5, 2025 in Kansas City, Missouri.

Workshops and Forums

Conducted Document Examination Training for the staffs of Approved Forensic Sdn Bhd, 2018.

Invited Speaker and Trainer for International Questioned Document Examination Workshop, 24th May 2019, Universiti Kebangsaan Malaysia

Invited speaker for an International Webinar, "Extracting Information from Document: A Forensic Analysis", 22nd May 2020, Department of Digital Sciences, Karunya Institute of Technology and Sciences.

Panelist for the "Forensic Science and Global Security" forum organized by School of Investigation and Enforcement help on 26th March 2024 at Kolej UNIKOP, Cyberjaya.

Invited Speaker and Trainer at 'Forensic Document Examination Seminar and Workshop', 18th-20th February 2025, Menara MyIPO.

Invited Speaker and Trainer at 'Kursus Pengurusan Tanah' organized by ELMU University, 14th-16th May 2025, Heritage Hotel, Cameron Highlands.

Employment history

SD Forensic Document Services

Managing Director and Forensic Document Examiner (July 2023 till present)

Have worked on detecting disputes on documents by verifying signatures, determining the authorship of handwritings, authenticity of official stamps, disguised signatures and also verifying fingerprints.

Witness Expert Ltd. (Lion Group)

Associate Country Expert (Southeast Asia) for Forensic Document Examination (May 2025 till present)

The consultancy provides supports to legal teams, courts and NGOs involved in asylum, immigration and human rights cases. Main role is to provide professional forensic document examination services including but not limited to analysis of handwriting, signatures and

printed material, analysis of official documents such as passports, ID cards, civil records and legal agreements to assess authenticity, detect tampering, preparation of expert reports, court attendance as expert witness and consultation for legal professional.

C.S. Tang Adjusters Sdn Bhd

Head of Investigation (October 2018 till December 2023)

Handled more than fifty caseworks thus far. Investigation is not limited to damage assessment as well as accident scene reconstruction and requires application of various forensic knowledge including Handwriting and Signature Examination whenever necessary for the detection of fraudulent activity. Cases assigned by insurance companies.

Chief Investigating Officer (January 2024 till October 2025)

Conduct trainings and manage the operations of the team. To attend complain cases and cases with high claim amounts. Strategize investigations and to design modules to ease investigation process.

Approved Forensics Sdn Bhd

Forensic Consultant (January 2017 till August 2018)

Handled various caseworks related to Questioned Document Examination (i.e. signature forged on medical certificates, insurance claim forms, 'Borang Bongkar' for criminal cases), property fire investigation, vehicle fire investigation, and etc. Examination of charred document (physical evidence) are also analysed for data gathering in fire investigations.

Awards and Achievements

Listed in the Malaysian Book of Records for being the First Woman Ph.D holder in the field of Forensic Document Examination in Malaysia.

Published Books and Conference Presentations

Books and Journals

Gannetion, L., Dennis Janting, M., M, Kamaluddin, M., R, Nadiah Syariani, M., S, Geshina Ayu, M., S, Mazlan, L. & Abdul Aziz, N. (2015). *Commercial Crime: The Crime, Criminals and Malaysian Law*: Universiti Sains Malaysia.

Gannetion, L., Wong, K. Y., Lim, P.Y., Chang, K. H., Ahmad Fahmi, L. (2022). An Exploratory Study on the handwritten allographic features of multi-ethnic population with different education background. *Journal PONE* 7; 7(10).

Gannetion, L.; Noor, S.N.M.M.; Lim, P.Y.; Chang, K.H.; Abdullah, A.F.L. Forensic discrimination of blue pen inks: Emergence of hybrid pen inks. *Malays. J. Anal. Sci.* **2021**, *25*, 584–595.

Conferences

Quantifying Qualitative Information in Handwriting Analysis: A Review. Poster Presentation at the 7th Asian Forensic Science Network Annual Meeting and Symposium, Pullman, Kuala Lumpur, November 16th-18th, 2015.

Comparison between Blue Ballpoint Pen and Blue Gel Pen Inks using Chemometrics Technique, Video Spectral Comparator, FTIR-ATR and Thin Layer Chromatography. Oral Presentation at the 1st International Conference on Forensic Science, Forensic Medicine & Criminology, Management and Science Universiti, Kuala Lumpur, April 19th-20th, 2016.

Ink profiling and Comparison of the profiles of Gel Pen and Ballpoint Pen Inks Using Microscopy, VSC, FTIR-ATR and TLC techniques. Oral Presentation at the Health Sciences Symposium 2016, Universiti Sains Malaysia, Kelantan, June 2nd, 2016.

An Exploratory Study on the handwritten allographic features of multi-ethnic population with different education background. Oral Presentation at the Forensic Science Symposium 2022, Pullman Hotel, Selangor, September 28th & 29th, 2022.

Attended 4th International Conference on Forensic Science, Forensic Medicine and Criminology (INFOMECE) on 12 July 2023 at Management & Science University, Shah Alam, Malaysia.

Participated in 2024 Interactive Seminar and Workshop organised by International Association of Document Examiners from 9 September 2024 to 11 September 2024, which was held on an online platform (Zoom).

Industrial Advisory Works

Industry Panel Advisor for the Board of Studies (BOS) for UCSI University with the Faculty of Applied Science from 1 November 2022 to 31 October 2023

Proficiency tests and practices

Proficiency test administered by Collaborative Testing Services, Inc. (CTS), scope of Accreditation of ISO/IEC 17043:2010. Passed the proficiency test in 2019

Proved proficient in annual proficiency practice for IADE membership renewal 2024

Proved proficient in annual proficiency practice for IADE membership renewal 2025

Court Attendance and Opinions

Caseworks within Malaysia

1) Suit No: NO. JA-A52NCvC-8-01/2022

Court: Johor Bahru Session Court

Case Description: Required by the defendant to examine the disputed signature of Shahrizal on an undertaking letter.

- 2) Case Number: Expert Opinion
Court: Shah Alam High Court
Case Description: Disputed signatures of Ms Azra binti Mustapa on Directors' Written Resolution Pursuant to Article 3(d) of the Company's Article of Association
- 3) Suit No: WA-22NCVC-858-11/2019
Court: KL High Court
Case Description: approached by the plaintiff to examine the disputed signature and Commissioner of Oath stamps Noor Aisyah's Trust Deed. Forensic report was accepted by court in favour of client.
- 4) Suit No: WA-22NCVC-858-11/2019
Court: KL High Court
Case Description: approached by the plaintiff to examine the disputed signature and Commissioner of Oath stamps Ghazali's Trust Deed. Forensic report was accepted by court in favour of client.
- 5) Suit No: To be advised
Court: KL High Court
Case Description: Dispute signature of Dalbir Singh on RHB Bank loan application form
- 6) Case Number: Expert Opinion
Case Description: Disputed signatures of Mr Hasan bin Mohamed Ali on Borang Permohonan Membuka Akaun Perniagaan/Syarikat/Persatuan/Lain-lain of CIMB Bank Berhad
- 7) Case Number: Expert Opinion
Case Description: Disputed Tamil Legible Signatures of Mrs Indiraneer Maniam on Payment Vouchers
- 8) Suit No: JB-24NCvC-407-08/2022
Court: JB High court
Case Description: Disputed signature of Ms Lim Siew Giat on Original Will and Last Testament
- 9) Suit No: To be advised
Court: Kangar Courthouse, Perlis
Case Description: Disputed fingerprints of Mr Mohd Fahmi Afdhan bin Arzmi on Perjanjian Jual Beli di Bawah Prinsip Bai Bithaman Ajil
- 10) Suit No: No. WA-22NCVC-461-08/2022
Court: KL High Court
Case Description: Disputed signature of late Mr. Tan Shih Ming of Original Will and Testament.

- 11) Case Number: BA-22NCvC-97-03/2023
Court: Shah Alam High Court
Case Description: Disputed signature of Mr Kumerason Rajagopal on Last Will and Testament of Kumerason A/L Rajagopal
- 12) Case Number: Expert opinion
Court: TBA
Case description: Disputed signature of Mr Wan Zainuddin bin W. Ismail on Perjanjian Perkongsian.
- 13) Case Number: TBA
Court: TBA
Case description: Disputed signatures of Mr Ng Thian Poh on company resolution documents.
- 14) Case Number: WA-22NCVC-155-03/2022
Court: Kuala Lumpur High Court
Case description: To determine if there are any signs of obliteration and tampering on 153 bank cheques suspected to be written using erasable ink. Trial ongoing.
- 15) Case Number: Expert Opinion for Workplace Investigation
Court: NA
Case description: to determine if there was any tampering made to the project site document for internal investigation purposes.
- 16) Case Number: case withdrawn by opponent party
Court: NA
Case description: to determine if the signature on questioned Joint and Several Guarantee of a company was simulated/forged.
- 17) Case Number: WA-22NCC-300-06/2022
Court: Kuala Lumpur High Court
Case description: to determine if the signature on the account maintenance form of CIMB Bank was genuine. Plaintiff opted for an out of court settlement before the cross examination.
- 18) Case Number: BA-22NCvC-135-03/2024
Court: Shah Alam High Court
Case description: to determine if there are any signs of digital manipulation onto the seal, stamp and documents.
- 19) Case Number: Expert opinion
Court: NA
Case description: to determine if the signature on questioned Form 14A was simulated/forged.

- 20) Case Number: WA-22NCC-474-09/2022
Court: Kuala Lumpur High Court
Case description: to verify signatures on ten (10) questioned documents which were denied to be signed by the clients.
- 21) Case Number: Expert opinion
Court: NA
Case description: to determine if the signature on questioned Deed of Family Arrangements was digitally executed signature and to determine if the signatures was executed before the preparation of document contents.
- 22) Case Number: Investigation support for police authority
Court: NA
Case description: to determine if there is any digital tampering on the questioned documents signature as well as to determine if there is any unauthorized page addition onto a bundle of documents which belongs to a company.
- 23) Case Number: Expert opinion
Court: NA
Case description: to determine if the signature on questioned Company Document was digitally executed signature.
- 24) Case Number: Expert opinion
Court: NA
Case description: to determine if the signature on questioned handwritten letter was executed by Mr Hanung.
- 25) Case Number: BD-A52NCC-31-04/2025
Court: Selayang Session Court
Case description: to determine if the signature on questioned Personal Guarantee Agreement was executed by Ms Wong Yuen Kim.
- 26) Case Number: Expert opinion
Court: NA
Case description: case involving a family dispute where we were engaged by the son to verify if his late father's will was signed by him or was forged by a person unknown.
- 27) Case Number: PB-B53-4-09/2023
Court: Butterworth Session Court
Case description: engaged to verify the signatures on the tenancy agreement and electricity supply application form was signed by Mr Syahmi as the documents were allegedly falsified and forged.

Selected High Profile Engagements

- 1) **Zara Qairina Inquest** – forensic handwriting and document examination to assess authorship and detect potential forgery/alterations in key exhibits presented before the Court.

Cases filed at Singapore Court

- 1) Case Number: TBA
Court: Singapore Family court
Case description: to verify signatures on bank transaction documents related to a divorce matter.
- 2) Case Number: HC/B 1858/2025
Court: Singapore High Court
Case description: to verify signatures on hire and purchase documents which were allegedly tampered with.
- 3) Case Number: HC/SUM 1358/2025
Court: Singapore High Court
Case description: to verify signatures on hire and purchase documents which were allegedly tampered with.

Investigation Support for International Clients

Saudi Arabia

- 1) Provided expert forensic opinion on the authenticity of a client's signature on a handwritten agreement, which was subsequently used as supporting evidence to lodge a police report back in her country.

Thailand

- 1) Thailand script verification for a client whose Power of Attorney Letters were allegedly forged by her mother. The examination findings were then used to file a police report and a subsequent legal suit.