



ACS Local Section
New York
Westchester Chemical Society

Recent Advancements on Intelligence Analysis Using Chemistry Knowledge to Combat against Modern-Day Drug Crime

Speaker: Kulendran Anushan

Scientific Officer,
The National Narcotics Laboratory
(NNL)
National Dangerous Drugs Control
Board (NDDCB),
State Ministry of Public Security and
Disaster Management, Sri Lanka



Date: **Thursday, December 16, 2021**

Time: 7:00 PM

Place: [Zoom Meeting](#)

Abstract:

This talk is an introductory talk about an emerging field of chemistry within the forensic science discipline. Combating against illicit drug trafficking is a collaborative effort of police agencies and judicial professionals to enforce the sanctions, legal punishments, etc., The Laboratory testing on illicit seizures is a well-known practice for analysts and a lab report is commonly used for court purposes as evidence on bar trials against convicted individuals. In this process, only a few percentages (< 5%) of scientific data/information are being communicated with magistrates. Chemists can generate a set of systematic scientific data using analytical techniques by detailed physical and chemical characterization of illicit drug seizures which may be a useful tool to prevent the emerging drug related crimes by providing timely and pertinent information relative to drug crime patterns and trend correlations to assist intelligence agencies to trace a crime scene as well as operational and administrative personnel in planning the deployment of resources for the prevention and suppression of criminal activities and aiding the investigative process. The lecture will also emphasize the importance of structured scientific analytical techniques within the intelligence analysis for effective operations at tactical, strategical and administrative levels to combat against emerging drug related crimes and discuss the recent advancements on Intelligence analysis using chemistry knowledge using few examples.



ACS Local Section
New York
Westchester Chemical Society

Recent Advancements on Intelligence Analysis Using Chemistry Knowledge to Combat against Modern-Day Drug Crime

Biography:

Kulendran Anushan is an accomplished and driven scientific professional with more than ten years of experience in chemistry as an Honours Bachelors of Science in Chemistry in 2010. He worked as a Demonstrator, Assistant Lecturer and Research Scholar in academia. Eventually, He joined as Scientific Officer at the National Dangerous Drugs Control Board, Sri Lanka, focusing on chemistry and fundamental understandings of key concepts to play a catalytic role to promote science to introduce scientific-evidence based strategies to address the drug problem within Sri Lanka. His knack for disassembling a problem into its component parts, and tackling parts in a rigorous, quantitative manner leads to introduce sustainable scientific & innovative solutions for drug law enforcement agencies to combat against illicit drug trafficking. Anushan is a member of Illicit Drug Workgroup of Asia Forensic Science Network (AFSN) and International Association of Law Enforcement Intelligence Analysts (IALEIA). Anushan holds professional membership with Royal Society of Chemistry and American Association for the Advancement of Science (AAAS).

Date:

Thursday, December 16, 2021

Time:

7:00 PM (Zoom link available from 6:45 PM)

Place:

Zoom-only Meeting.

Zoom Link:

Join Zoom Meeting

<https://sunywcc->

[edu.zoom.us/j/5133060713?pwd=ZDN3ZUw2cVhvTFFrK2QvT3VTT1pVZz09](https://sunywcc-edu.zoom.us/j/5133060713?pwd=ZDN3ZUw2cVhvTFFrK2QvT3VTT1pVZz09)

Meeting ID: 513 306 0713

Passcode: 402948

One tap mobile

+13126266799,,5133060713# US (Chicago)

+16465588656,,5133060713# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)