



**CENTURION UNIVERSITY OF TECHNOLOGY AND  
MANAGEMENT, BHUBANESWAR**

**SCHOOL OF FORENSIC SCIENCES**

**WORKSHOP ON “IMPORTANCE OF EVIDENCE- FROM  
CRIME SCENE TO COURTROOM” BY DR. ARUNA KUMAR  
SWAIN**

**DATE OF THE EVENT: 28<sup>th</sup> & 29<sup>th</sup> July, 2023**

**NO. OF STUDENTS AND/OR FACULTIES PARTICIPATED: STUDENTS AND  
FACULTIES FROM BHUBANESWAR CAMPUS**

**About the Workshop**

Crime is defined as an act committed or omitted in violation of public law forbidding it or commanding it. Crime Scene is a place where a criminal offence has occurred. As the crime is diverse, the crime scene differs with each crime. Crime Scene provides potential evidence to the investigator. Crime scene management skills are an extremely significant task component of investigation because evidence that originates at the crime scene will provide a picture of events for the court, and help to seek justice.

Workshop can provide essential insights into various aspects related to crime scene management, collection of evidences, preservation of evidences, chain of custody, report writing, etc. The workshop was conducted by School of Forensic Science, on “**Importance of Evidence- from Crime Scene to Courtroom**”, by Forensic Expert, **DR. ARUNA KUMAR SWAIN**

Dr. Arun Kumar began the talk with ‘what we understand about crime’ followed by crime scene management. The mock crime scene which is demonstrated to us is a indoor crime scene. Crime scene management includes general precautions needed, securing the scene, documentation of the scene, searching of evidences, collection of evidences, preservation of evidences, etc.

At first we learned about what are the precautions we should take before entering the scene of crime. Sir had described the importance of taking precautions before entering the crime scene. For the precautions we should use personal protective equipment (PPE) kit, shoe covers, nitrile gloves, head cap, mask. PPE kit is used for full body protection. Shoe covers are used to cover the foot wares of investigators, preventing them from contaminating the crime scene. Head cap or Head covers are used for the prevention of hair fall of the investigator on the crime scene. Nitrile gloves or Powderless Gloves are used instead of surgical or powdered gloves for the prevention of contamination. Mask is for the prevention of saliva contamination from the investigator. Precautions are very much important for maintaining the credibility of the scene of crime.

Crime scene securing or barricading is the most crucial part of crime scene management. For indoor crime scene we have to secure entry and exit points of the scene. Securing the outdoor crime scene is much difficult than securing indoor crime scene. Due to the involvement of environment, securing a outdoor crime scene is very difficult.

After securing the crime scene note making is done by the investigator for the documentation purposes. Sir described us note making is important for court purposes, if court want to see the notes taken by investigator.

Searching of crime scene for the evidence is the most crucial part of the crime scene management and for further investigation. Searching of the crime scene is done by various methods – spiral method, wheel method, line method, grid method, zonal method. Searching method varies on the type of crime scene which is found. Proper scene documentation can't be complete unless a rough sketch is created at the crime scene itself. Rough sketch is made by the investigator.

Physical evidence comprises all objects and materials found on the crime scene in connection with an investigation that is instrumental in discovering the facts of a case. Physical evidences are mainly found from the scene of crime, body of the victim, and body of the accused (if any). Physical evidences have link to victim, scene of crime, and suspects. Physical evidences includes – Blood, semen, saliva, nails, fingerprint, footprint, hairs, skin, other biological fluids, tire marks, etc.

Photographs are an extremely useful source which provides significant pieces of evidence with precise measurement of the site where the crime took place. Photography should be in three types- Overall or Wide range, Mid-range, and close-up photography. Close-up photography is done for the evidence's close photograph.

After that we continue with the collection process of the evidences. Blood collection is done by scratching, swabbing, or any other possible method based on the condition of blood. Blood preservation is done by FTA Card after drying the blood. Bullet or metallic objects are collected by rubber tipped forceps. Based on the type of evidence collection is done.

After collection, preservation is done based on the type of evidence. Paper bags and FTA card is used for the preservation of blood. Metal containers are used for the preservation bullets. Preservation is the most important part of any investigation to get justice.

Spot visit report is done by the investigator. Spot visit report include- case reference, date and time of occurrence, date and time of arrivals, date and time of departure, brief history of the case, list of exhibits collected from the scene of crime. Then the Report is submitted to IO for onward transfer to forensic laboratory for examination.

In unnatural death cases the exhibits is forwarded by the Executive Magistrate and in murder cases forwarding is done by Judicial Magistrate. Forwarding Report includes-

- Reference
- Brief history of case
- List of Exhibits sent for Examination
- Nature of Examination Required
- Forwarded to the Director of FSL with the signature of IO and the signature of Forwarding Authority
- Authorization Certificate- Certified that Directors, FSL has been authorised to break open the seal and cut into pieces or whole for the purpose of examination. With signature of Forwarding Officer and specimen wax seal. 4 copies of forwarding report are prepared.

The whole workshop is full of insights with real experience from Dr. Aruna Kumar Swain. The whole workshop is very much meaningful to us for the future. From the description we are able to know how the forwarding is done by the authorities. In both the days question and answer session was held followed by lecture. The whole workshop is very much informative and helpful.

## BROCHURE OF THE EVENT



# Centurion University of Technology and Management

WORKSHOP

Demonstration of  
crime scene and  
report writing and  
chain of custody.



# Organized by  
**School of Forensic  
sciences**

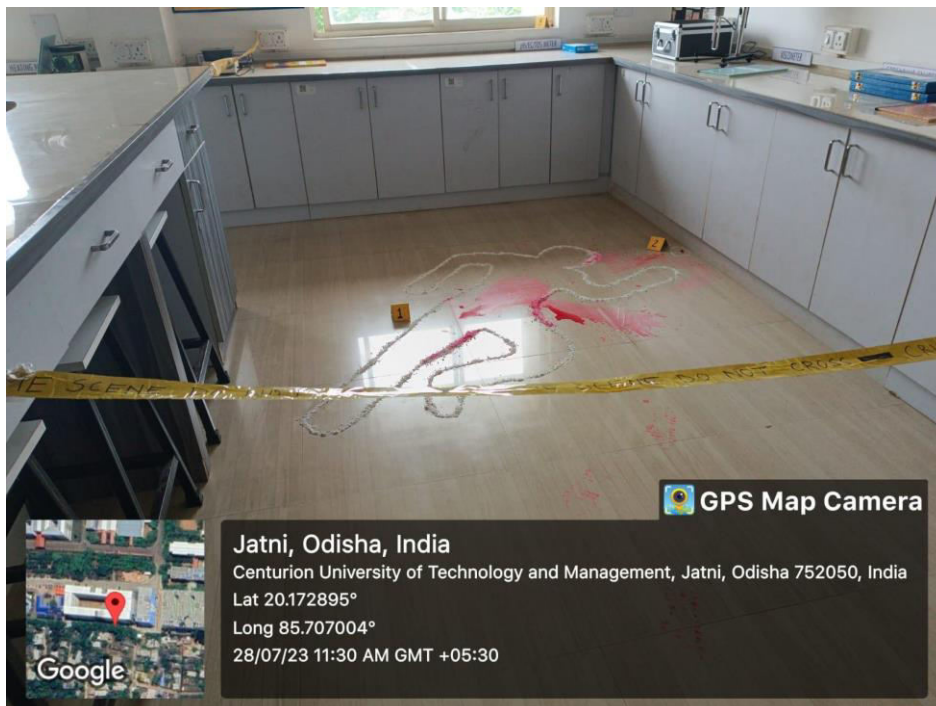
# Date  
**28.07.23 - 29.07.23**

[www.cutm.ac.in](http://www.cutm.ac.in)

## GLIMPSES FROM THE EVENT



**Dr. Aruna Kumar Swain briefing the students about types of evidences and their proper handling**



**Mock Indoor Crime Scene**





# CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

## SCHOOL OF FORENSIC SCIENCES

WORKSHOP

ON

IMPORTANCE OF EVIDENCE – FROM CRIME SCENE TO COURTROOM

DATE : 28<sup>TH</sup> & 29<sup>TH</sup> JULY 2023

### ATTENDANCE SHEET

Sr.No	Roll No	Student Name	28/07/2023	29/07/2023
1	212104320001	PRAGYANSHU SHEKHAR PADHI	Pragyanshu Padhi	Pragyanshu Padhi
2	212104320002	SUBHASHREE PATTANAYAK	Subhashree Pattanayak	Subhashree Pattanayak
3	212104320003	ARKADIP PAN	Absent	Arkadip
4	212104320004	SOUMYA RANEE HOTA	Soumya R. Hota	Soumya R. Hota
5	212104320005	SURAJ JENA	Suraj Jena	Absent
6	212104320006	ASHISH RANJAN	Ashish Ranjan	Ashish Ranjan
7	212104320007	SOUMYADEEP NAIYA	Soumyadeep Naiya	Soumyadeep Naiya
8	212104320008	SUBINAY DAS	Subinay Das	Subinay Das
9	212104320009	EKTA MONDAL	Ekta Mondal	Ekta Mondal
10	212104320010	KAMAL LOCHAN MAHATAB	Kamal Lochan	Kamal Lochan
11	212104320011	A JAGANNATH PATRO		Absent
12	212104320012	MONALIKA NAYAK	Monalika Nayak	Monalika Nayak
13	212104320013	SIDHANT SATAPATHY	—	—
14	212104320014	SNEHA ADHIKARY	Sneha Adhikary	Sneha Adhikary
15	212104320015	D SAI KIRAN PATNAIK	Sai. Kiran	Sai. Kiran
16	212104320016	SOMA HAZRA	Soma Hazra	Soma Hazra
17	212104320017	SWADHISTITA PRAGNYA	Swadhistita	Swadhistita
18	212104320018	ANKIT MUKHERJEE	Ankit Mukherjee	Ankit Mukherjee



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Engineering Communities...

# CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

## SCHOOL OF FORENSIC SCIENCES

19	212104320019	SANSKAR AGRAWAL	Sanskar	Sanskar
20	212104320020	DIBYAJYOTI BEHERA	Dibyajyoti	Dibyajyoti
21	212104320021	PARTHA SARDAR	P.S	P.S
22	212104320022	SANSKRITI TIWARI	Sanskriti	Absent
23	212104320023	ISHA YADAV	Isha	Isha