

REPORT  
ON  
STUDY TOUR  
TO  
NORTH EAST POLICE ACADEMY  
(2023)

CONDUCTED BY  
THE DEPARTMENT OF COMPUTER SCIENCE

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## INTRODUCTION

### **Study Tour**

(North Eastern Police Academy, MHA, Govt. of India)

Study trip provides an opportunity for students to go out of the classroom environment to a certain location of interest and learn about things first-hand. In such a trip, students can observe, investigate, process and educate about the subject matter. This activity instill new knowledge and perspective in student's attitude towards a certain field, thereby enriching their knowledge and interest which may have a greater impact in the future of the student's life. Hence, study trip is an important activity that expose the students to real time scenarios and inculcate interest and a sense of confidence in the field.

In today's world, technology and its applications has contributed to make our life faster, easier and better. However, on the other side, cybercrime has also risen up that has negative impact on various aspects of the society, one being the female entity. So, on 2<sup>nd</sup> December, 2021, and we have conducted a programmed to the students of the Lady Keane College in this regard where we have Mr. A. Chettri as our resource person. Mr. A. Chettri is an Assistant Director (IT), North Eastern Police Academy, MHA, Govt. of India and one of his job profiles is handling cybercrime against women both at a state and national platform. Mr. A. Chettri has extended his invitation during the programmed for a visit the North Eastern Police Academy campus for cybercrime where the students can see firsthand how cybercrime are handle and solve. Having this kind of exposure first hand would benefit our students a lot and would expand their perception toward how cybercrime are handled and dealt with.

### **Objective:**

To give an opportunity for the students:

1. To learn firsthand about the way cybercrime are handle and solve.
2. To instill a new perspective, knowledge and interest in student's attitude towards this field
3. To build up interest which may have a greater impact in the future of the student's life
4. To learn about the various course or trainings programmed where the students can take up as subject to become experts and professionals in this field.

<b>PROFILE OF RESOURCE PERSON</b>
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**Arjun Chetry**

*Assistant Director (IT), North Eastern Police Academy, Ministry of Home Affairs, Govt. of India*

**A. Educational Qualification:**

- Research Scholar on Digital Forensics, from Assam Don Bosco University (Enrolled for Ph.D. on March 2018.) Guwahati, Assam.
- Master of Computer Application (M.C.A) in 2010 and Bachelor of Science (Physics) in 2006 from St. Anthony's College, North Eastern Hill University, Shillong, Meghalaya

**B. International Certification/Courses:**

I. Global Certification on Mobile Forensics – “MSAB XRY Certification”, “MSAB XRY Intermediate” and “MSAB XRY Advanced Acquisition” during November 2021 at New Delhi from MSAB.

II. Completed “Overseas Training Attachment” (2019) held in Singapore organized by Singapore Police Co-operative Society Ltd. and Singapore Police Force

III. Completed certification for Mobile Forensics on “Cellebrite Certified Operator (CCO)” and “Cellebrite Certified Physical Analyser (CCPA)” on Cellebrite UFED Software during 2019

IV. Completed course on “Dark Web Investigation course” through Antiterrorism Assistance Program, Diplomatic Security Service in appreciation for cooperation in the fight against International Terrorism, US, during 2019

V. Completed “Malware Analysis using Memory forensics” course at Data Security Council of India, Bangalore, Karnataka, India during 2018.

VI. Global Certification on “Computer Hacking Forensics Investigator”, Certification No: ECC24075354721 from EC-Council, US 8th October 2016

VII. Completed “ATA-11298 Introduction to Digital Forensics and Investigation Course” w.e.f. 18th July to 29th July 2016 and “ATA-11297 Identification and Seizure of Digital Evidence Course” w.e.f. 7th July to 15th July 2016, sponsored by the office of Antiterrorism Assistance Bureau of Diplomatic Security, U.S., Department of State.

VIII. Global Certification on “Red Hat Certified System Administrator”, Certification No: 130-172-927 and “Red Hat Certified Engineer”, Certificate No: 130-172-927, during 2013.

IX. Global Certification on “Cisco Certified Network Associate”, Certification No: CSC012430390 from Cisco Academy during 2013.

X. Completed “Mobile Phone Investigation/Forensics & CDR Analysis” Course at Central Bureau of Investigation Academy, Govt. of India, Ghaziabad, UP, India.

XI. Completed “Cybercrime & Cyber Forensics Course” at Indian Computer Emergency Response Team (Cert-In), Meity, GoI, New Delhi, India.

**C. Delivered session as Resource Person:**

- i. For Law Enforcement Officers, Prosecutors and Judicial Officers of the country & neighbouring country (namely, Myanmar, Bangladesh, Nepal) organized by NEPA on regular basis.
- ii. For Police officers, Prosecutors and Judicial officers of the country at National Law Institute, India.
- iii. For “Standardization of Training Modules on cyber domain” for police officers, prosecutors & judicial officers organized by Ministry of Home Affairs at New Delhi.
- iv. For forest officers at various Central Academy of Forest Education, Govt. of India.
- v. For Judicial Officer, from various State Judicial Academy.
- vi. For Air force officers at various location of Indian Air Force, Govt. of India.
- vii. For Faculty Development Program at various Universities in India.
- viii. For public viewing at Security Vue event, at "The Hackers Meetup" India for Facebook live event.
- ix. For students at various colleges or universities in India.

**D. Research related work:**

- Published a paper on "Mobile Forensics and Its Challenges" published at India's First Digital Forensics (4n6) Publication, during 2020. Access link is: <https://doi.org/10.46293/4n6/2020.02.03.07>
- Published a Paper title “Dark web activity on tor—investigation challenges and retrieval of memory artefacts” presented in international conference on innovative computing and communication (icicc-2020).
- Published a Paper title “Memory Forensics Analysis for Investigation of Online Crime - A Review” presented at INDIACom – 2019.
- Published a Paper title “USB Device Forensics: Insertion and Removal Timestamps of USB Devices in Windows 8” in International Symposium on Advanced Computing and Communication (ISACC2015) at Department of Computer Science & Engineering, Triguna Sen School of Technology Assam University, Silchar, Assam, India.
- Published a paper title “SMAC: Revolutionary Technology & Security: RIP?” at International conference on Advanced computer science & information Technology (ICACSIT) held at Goa.
- Published a paper title: “Cyber space & its theories” in the National Seminar on Emerging Trends in Advanced Networking & Cloud Computing at Dept. of Computer Science, Shillong College, Shillong.

**E. Previous Work Experience – Got an opportunity of being part of the following organization:**

- a. National Institute of Technology, Silchar, Assam ([www.nits.ac.in](http://www.nits.ac.in))
- b. Royal Thimphu College, Thimphu, Bhutan ([www.rtc.bt](http://www.rtc.bt))
- c. St. Edmunds College, Shillong Meghalaya ([www.sec.edu.in](http://www.sec.edu.in))
- d. National Informatics Centre, Shillong Meghalaya

Session
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During the session we were taken to the Forensic Lab in NEPA that is used for training law enforcement personnel in the collection, analysis, and interpretation of physical evidence related to crimes. These Labs are equipped with specialized equipment and technologies to enable forensic analysis of various types of evidence, such as DNA, Fingerprints, Ballistics, and Digital Evidence. Police Cadets and Officers learnt how to collect properly, preserve, and analyse evidence as crime scenes, as well as how to present the finding in Court.

The Resource person showed several data recovery software programs that are commonly used by law enforcement agencies and are also available to the general public. These software programs are designed to recover data from digital devices such as hard drives, USB drives and memory cards. Dark Web Marketplaces which are underground websites that allow users to buy and sell illegal goods and services, including stolen data, drugs, weapons, and hacking tools. These are commonly used by cyber attackers for illegal activities. After the session the students understood what exactly NEPA is about what kind of trainings were given there, how they work and what kind of training programs they offer in order to enhance the knowledge, skills, and abilities of Police Officers and prepare them to face for the unique challenges of law enforcement in North Eastern region.

Expenditure Statement
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Sl. No.	Particulars	Quantity	Rate per Quantity	Amount
1	Travelling Expenses (ML05 6562 and ML05 4480)	2	8000	16000
2	Refreshment	81	180	14580
3	BCD (Flex)	1	120	120
<b>Total Expenditure</b>				<b>30700</b>

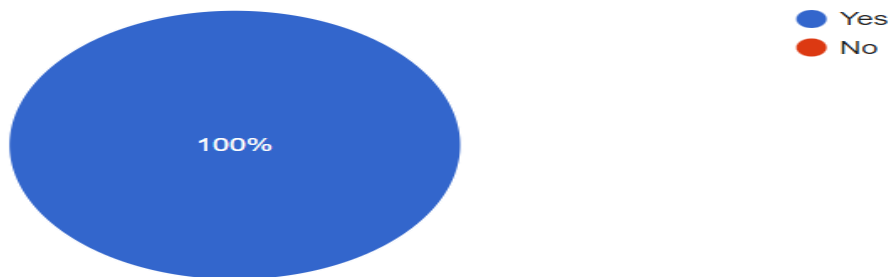
Sanctioned amount Rs 31750 and remaining balanced of Rs 1050 has been returned to the Accounts Office

## NEPA STUDY TOUR FEED BACK FORM

Before the visit, did the study tour presenter come for a pre-visit to the college? \*

☐ Yes

☐ No



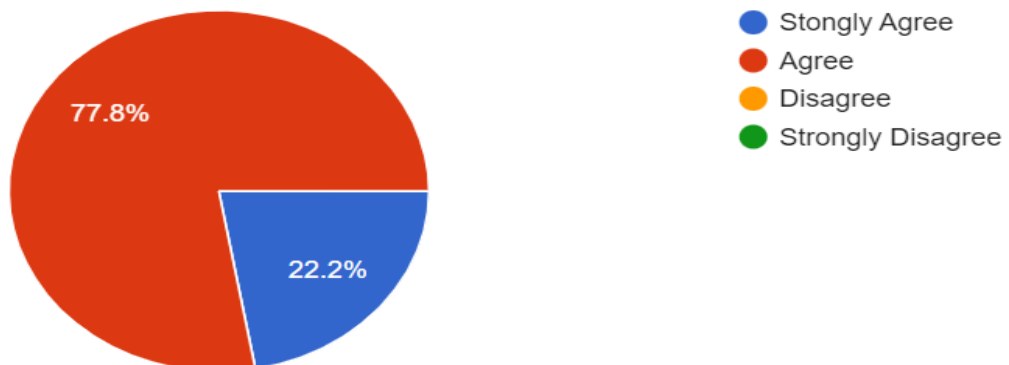
The study tour was provided with beneficial information. \*

☐ Strongly Agree

☐ Agree

☐ Disagree

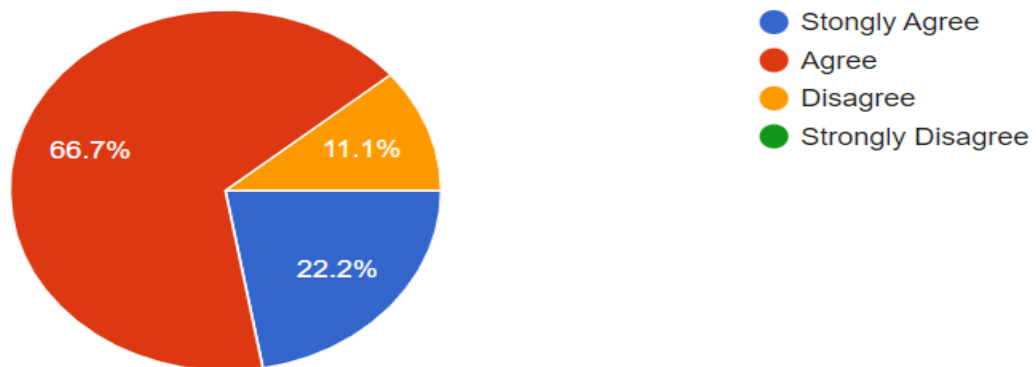
☐ Strongly Disagree





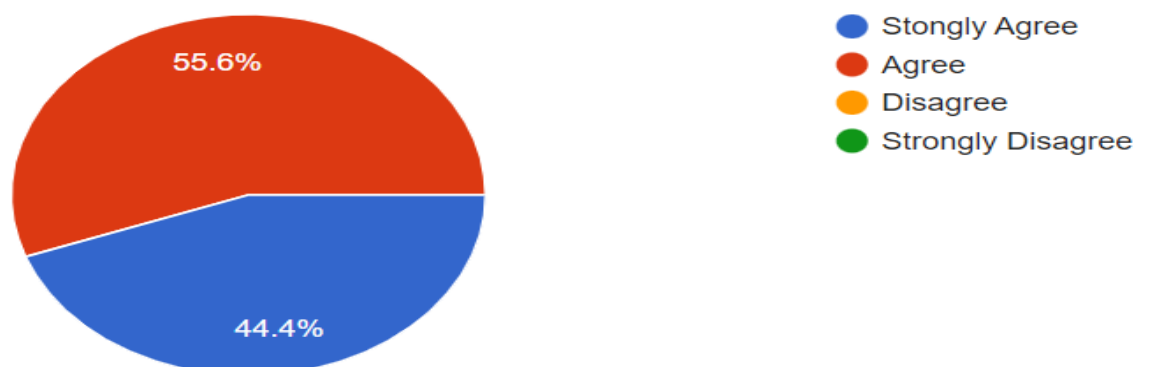
The presenter engaged himself in an effective and engaging manner \*

- ☐ Stongly Agree
- ☐ Agree
- ☐ Disagree
- ☐ Strongly Disagree



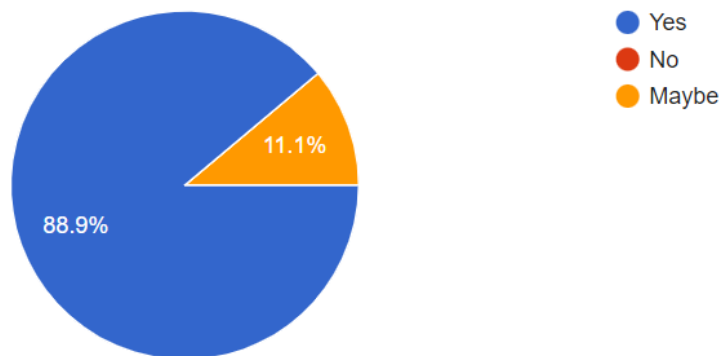
The session was provided with insights about NEPA Laboratory.

- ☐ Stongly Agree
- ☐ Agree
- ☐ Disagree
- ☐ Strongly Disagree



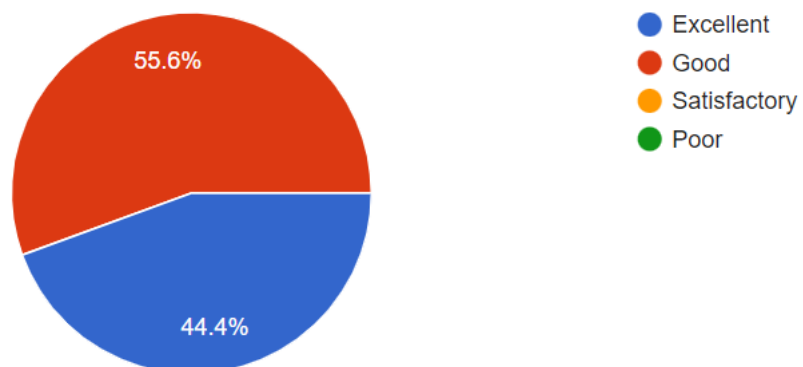
Would you recommend NEPA study tour to your junior friends again? \*

- ☐ Yes
- ☐ No
- ☐ Maybe



How appropriate was the study tour for your group? \*

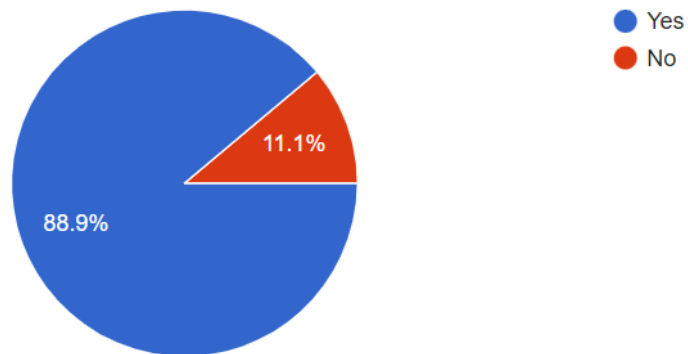
- ☐ Excellent
- ☐ Good
- ☐ Satisfactory
- ☐ Poor



Did the visit meet the needs of the objectives? \*

☐ Yes

☐ No



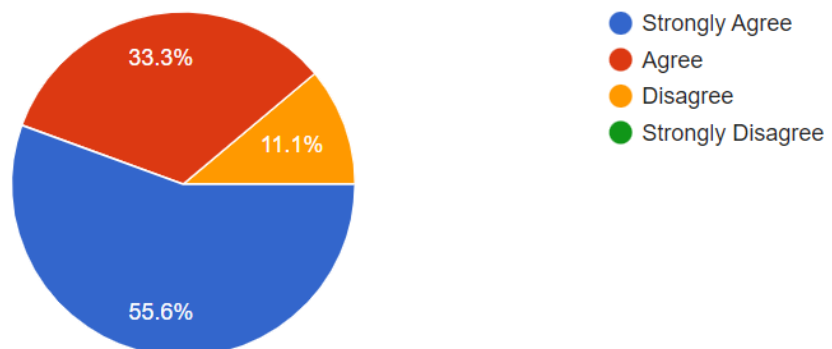
Overall the visit was a positive experience for the group. \*

☐ Strongly Agree

☐ Agree

☐ Disagree

☐ Strongly Disagree



## PICTURES













**Study Tour – Department of Computer Science, Lady Keane College, Shillong**  
**Place of Visit: North Eastern Police Academy, Shillong**  
**Date: 10<sup>th</sup> March 2023**

**ATTENDANCE SHEET – BCA SEMESTER II**



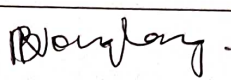
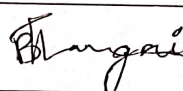
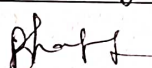
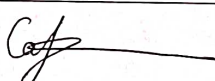

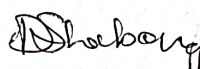

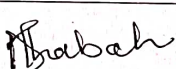
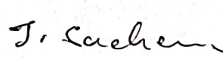

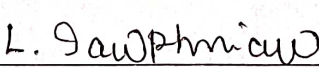
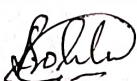
Roll No.	Name	Signature
1	Aibita Shabong	Absent
2	Alisha Lyngdoh Nongkynrih	A. Nongkynrih
3	Anuska Chetri	A. Chetri
4	Badaphira Suting	Absent
6	Carefully Marsharing	Absent
7	Dahunlang Thongni	Absent
8	Dakarushwa Suchiang	D. Suchiang
9	Daricle Lyngdoh Nongrum	D. Lyngdoh
10	Emisaka Challam	Absent
11	Ibalarisuk Ryntathiang	S. Ryntathiang
12	Isha Lama	I. Lama
13	Kimresil S Marak	Absent
14	Kyntisha Jana	Absent
16	Lashimtilang Khyriemmujaat	L. K. mujaat
17	Libika Kharsati	Absent
18	Mattikorlang Suting	M. Suting
19	Mebarisha Synnah	Absent



20	Mishalin Mawlong	M. Mawlong
22	Nichwaki Syngkon	N. Syngkon
23	Pherrilin Nongrum	P. Nongrum
24	Phibalahun Kurkalang	P. Kurkalang
25	Phibankerlang Kharkongor	P. Kharkongor
26	Phibawansha Bina	Absent
27	Philari Manih	P. Manih
28	Purnanki Das	P. Das
29	Ribakmenlang Lyngdoh Nongphud	R. Lyngdoh
30	Ridorki Suchiang	R. Suchiang
31	Rokti Siga	Absent
33	Saphisha Tariang	S. Tariang
34	Sharailin Nongkhlaw	<del>S. Nongkhlaw</del>
35	Silan Marbaniang	S. Marbaniang
36	Simalin Nongrum	S. Nongrum
37	Solagracia Ramsiej	S. Ramsiej
38	Srinjoni Dey	S. Dey
39	Susi Mary Kharkongor	S. Kharkongor
41	Wadahun Bareh	W. Bareh

Study Tour – Department of Computer Science, Lady Keane College, Shillong  
Place of Visit: North Eastern Police Academy, Shillong  
Date: 10<sup>th</sup> March 2023

ATTENDANCE SHEET – BCA SEMESTER IV

Roll No.	Name	Signature
1	Alphimai Marsing	
3	Anu Pawar	
5	Bahunlang Nonglang	
7	Bansaralin Thongni	
8	Bashisha Thabah	
9	Caredeng Kassar	
10	Carefully Rynjah	
11	Daiakmen Shabong	
12	Daisy Grace M Malieh	
13	Dakermeka Thabah	
14	Diksha Pradhan	Absent
15	Felicia Law	Absent
16	Jasmine Suchen	
17	Ladabiang Lyngkhai	
18	Lamjingshaihun Iawphniaw	
19	Lasukshisha Sohtun	

20	Liza Baishya	Absent
21	Mery Diamon Pariong	M. pariong
22	Nada Nancy	N. Nancy
23	Ngalem Suayang	Ngalem
24	Nirok Asher G Momin	N. Asher
25	Partilin Khongsit	P. Khongsit
26	Pdianghunlin Nongrang	P. Nongrang
27	Ridashisha Snaitang	R. Snaitang
28	Riphylla Kharsati	R. kharsati
29	Rislity Khongjee	R. Khongjee.
30	Sheetal Sarki	Absent
32	Treweinimanroiki Lakiang	T. Lakiang
33	Twinny Wisteria Lamin	T. Wisteria
34	Wandashisha Kharraswai	W. Kharraswai



Study Tour – Department of Computer Science, Lady Keane College, Shillong  
Place of Visit: North Eastern Police Academy, Shillong  
Date: 10<sup>th</sup> March 2023

**ATTENDANCE SHEET – BCA SEMESTER VI**

Roll No.	Name	Signature
1	Deigratia Khongmawloh	<i>Deigratia Khongmawloh</i>
2	Ianrilin Mawlong	<i>I. Mawlong</i>
3	Mexica Mawlong	<i>M. mawlong</i>
4	Partigya Subba	<i>Partigya</i>
5	Robicca Rani	<i>R. Rani</i>
6	Rohini Jamoh	<i>R. Jamoh</i>
7	Shewillbejoy L Lyngkhai	<i>Shewillbejoy</i>
8	Insamanbha Swer	<i>Absent</i>