NARCOTICS CONTROL BUREAU KOLKATA ZONAL UNIT

IDENTIFICATION OF DRUGS & NEW CHALLENGES FOR LEA

Presented by

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SCHEME OF PRESENTATION

- Identification of Narcotic Drugs
- Process of manufacture and export of Opium and opiates
- Role of Central Bureau of Narcotics (MoF)
- Duty of LEA
- Collection of intelligence
- Related section under NDPS Act

DRUGS- Any Substance other than food which is taken to change the way the body or the mind functions.



NARCOTICS DRUGS -Which acts as depressants of Central Nervous System , egs. Opiates , Cannabis , Coca alkaloids etc.

PSYCHOTROPIC SUBSTANCES- Mood altering drugs egs. Hallucinogens (LSD) , Stimulants (Amphetamine), Depressants (Heroin).

*NATURAL DRUGS- Naturally occurring drugs in nature eg. Opium , Cannabis , Coca

SEMI – SYNTHETIC- Processed from natural drugs eg. Heroin , Cocaine.

SYNTHETIC- Made from chemicals eg. LSD, Methaqualone.

Opium and Its Derivatives

- Opium: it is the coagulated juice obtained from the un ripened seed pod of the opium poppy
- Prepared by making incisions on the un ripened seed pod of Poppy and collecting the milky substance that oozes out.
- Contains Morphine (4-21%), Codeine (0.7–3%), Thebaine (0.2-1%).
- Milky white juice turns brown or black in contact with air.
- **IFF** Orally administered or smoked.
- Malgesic, treatment of diarrhea.
- **Causes euphoria, drowsiness, lethargy, constriction of Pupils.**









The milky fluid oozes from incisions in the unripe seedpod





Process of heroin manufacture





Cannabis / Marijuana / Ganja *Grass, Charas, Joint, Hash*

It is a mild hallucinogen and depressant. It is usually consumed for a feeling of well being, euphoria, "high" feeling, state of relaxation. Effects occurs rapidly. They last from 30 minutes to several hours.

Cannabis is used in various ways.

- Marijuana or Ganja.
- Hashish or Charas.
- Hashish Oil

Marijuana or Ganja

OBTAINED FROM THE FEMALE PLANTS OF CANNABIS.

- **Flowering Top: Ganja , Marijuana**
- Greenish to dark brown, pressed into bricks
- **Smoked**
- **No medicinal use**

Causes euphoria, relaxed inhibitions, increased appetite, dizziness

HASHISH / CHARAS

CANNABIS RESIN: HASHISH, CHARAS.

- Dark green or brown resinous mass.
- **Smoked**
- No medicinal use
- It increases appetite, dizziness, wild euphoria, feeling of relaxation, relief from anxiety.
- Psychoactive ingredients of cannabis is Tetrahydrocannabinal.



Field of marijuana



Female marijuana flower











Affected districts in West Bengal

- CANNABIS : COOCHBEHAR, NADIA, JHARGRAM
- <u>OPIUM POPPY:</u>

PURBA BURDWAN, MALDA, BANKURA, PACHIM MEDINIPUR, COOCHBEHAR, MURSHIDABAD, BIRBHUM

Cultivation is divided into three phases

Phases	Cannabis	Opium
Seeding Period	August-September	October – November
Growing Period	October-November	December – January
Harvesting Period	December-January	February - March

Coca flower



Coca leaf



OPIUM CULTIVATION

Legal cultivation of <u>opium</u> for medicinal purposes is carried out in <u>India</u>, only in selected areas, under licensing conditions.

Central Bureau of Narcotics (CBN), is responsible for overall supervision of cultivation as per provisions of Narcotic Drugs and Psychotropic Substances Rule (India), 1985.

Dried Opium is used for extraction of various products like <u>Codeine phosphate</u>, <u>Thebaine</u>, <u>Morphine</u> <u>sulphate</u>, <u>Noscapine</u> etc.

Role of CBN

- Supervision over licit cultivation of Opium poppy in India
- 22 Districts 102 Tehsils/parganas of MP, UP & Rajasthan
- Issue of licences for manufacture of synthetic narcotic drugs
- Issuance of Export Authorisations/ Import certificate for export/import of NDPS
- Issuance of No objection certificate for import and export of Precursor Chemicals
- Import of Poppy seeds—from Australia, Austria, France, China, Hungary, the Netherlands, Poland, Slovenia, Spain, Trukey and Czech Republic

EXTENT OF LICIT CULTIVATION

- India only traditional opium gum producing country.
- Crop cycle from November to March/April.
- Poppy cultivation licensed in UP, MP & Rajasthan.
- Central Bureau of Narcotics regulates opium cultivation.
- Government alkaloid factories (Ghazipur & Neemuch) manufacture opium derivatives.



Punishment provisions under NDPS Act, 1985 (as Amended)

- For Small Quantity :- Where the contravention involves small quantity, with rigorous imprisonment for a term which may extend to six months, or with fine which may extend to ten thousand rupees or with both.
- For Intermediate Quantity :- Where the contravention involves quantity lesser than commercial quantity but greater than small quantity, with rigorous imprisonment for a term which may extend to ten years and with fine which may extend to one lakh rupees.
- For Commercial Quantity :- Where the contravention involves commercial quantity, with rigorous imprisonment for a term which shall not be less than ten years but which may extend to twenty years and shall also be liable to fine which shall not be less than one lakh rupees but which may extend to two lakh rupees: Provided that the court may, for reasons to be recorded in the judgment, impose a fine exceeding two lakh rupees. & A Non- bailable Offence.

Small & Commercial Quantity of Opium

Small Quantity (25 Gm).

Commercial Quantity (2.5 Kg).

Small & Commercial Quantity

<u>Cannabis</u> Marijuana or Ganja

- Small Quantity (01 Kg).
- Commercial Quantity (20Kg).

Small & Commercial Quantity

Cannabis & Cannabis resin. [CHARAS, HASHISH]

Small Quantity (100 Gms).Commercial Quantity (01 Kg).



What are Precursors?

- Dual use chemicals with legal (industrial/ pharma) use, as well as illegal (drug manufacture) use. eg.
 - ✤ Acetic Anhydride (for heroin),
 - Ephedrine, Pseudoephedrine (for Amphetamine, methamphetamine)
 - Potassium permanganate (for cocaine),
 - ✤ NPP/ ANPP for Fentanyl

Regulation of Precursors in India – Latest Trend

- On 26.08.2020, 4-Anilino-N-phenethylpiperdine (ANPP) and N-Phenethyl-4 piperidone (NPP) were brought under Schedule - A of NDPS (RCS) Order, 2013 as controlled substances i.e. control over its manufacture, distribution, sell, purchase, possession, storage and consumption.
- On 26.08.2020, the following four precursors were brought under Schedule - B (for Export) & Schedule - C (for Import) of NDPS (RCS) Order, 2013 as controlled substances:
 - (i) 3, 4-MDP-2-P methyl glycidate (PMK glycidate) (all stereo-isomers),
 - (ii) 21. 3, 4-MDP-2-P methyl glycidic ---- (DANK) alveidic acid) (all stereo-isomers).

PHARMACEUTICALS
- Prescription drug abuse is when you take a medication for a reason other than why the doctor prescribed it.
- Abusing prescription drugs can change how your brain works.
- Classes of prescription drugs abused:
 Opioids: Codeine, hydrocodone, morphine etc.
 - Depressants: Benzodiazepines
 - Stimulants: Dextroamphetamine
- ✤ Increase in use:
 - ✤ Due to easy availability
 - A Due due stiene is lesit

NDPS ACT and Pharmaceutical Drugs

- The Drugs and cosmetics act, 1945 is the main legislation for Pharmaceutical drugs.
- The NDPS act, 1986 in S.80 lays down that the action under it is in addition to the Drugs & Cosmetics act, 1945.
- If a pharmaceutical medicine is covered under NDPS act then the possession, use etc of the same without documentation can be punishable under the NDPS act.
- The Schedule to the NDPS act contains a list of Psychotropic substances which also cover many medicinal drugs i.e. Amphetamine, etc.

YABA TABLETS







NEW CHALLENGES DARK WEB, WICKER & TELEGRAM





• Based on reliable inputs NCB KZU came to know that a huge number of parcels are lying at FPO Kolkata since long and it contains suspected NDPS.

 On the basis of input, NCB Kolkata registered 43 Crime Cases at FPO-Kolkata against various persons belongs to various locations of WB, Odisha, Bihar and other states.

The Network





SEIZURE OF 43 PARCELS















Source:

- These parcels were originated from California, USA and Canada.
- All the parcels were received by Foreign Post Office (FPO), Kolkata through United States Postal Service (PRIORITY MAIL).

Destination:

• The parcels were to be delivered in the name of different persons located in State of West Bengal, Bihar, Jharkhand, Odisha and Assam.



01ST OPERATIVE GROUP



- **Crime No. –** 28, 32, 34, 36, 37, 38, 41 & 53 of 2021.
- **Drug seized:** High Potent Ganja (Kush)
- Quantity: 110+110+105+100+115+110+115+
 110 = 875gms
- **Date of Seizure** : 27.07.2021
- **Place of Seizure**: AT Foreign Post Office, Strand Road, Kolkata – 700001.
- Arrested Person's Name:
- 1. Shradha Surana
- 2. Karan Kumar Gupta
- 3. Rakesh Kumar
- 4. Arpan Madhukar
- 5. Jashbir Singh (Not Arrested)



Karan Kumar Gupta







02ND OPERATIVE GROUP



- Crime No. 31, 35, 40 & 43 of 2021
- Drug seized: High Potent Ganja (Kush)
- Quantity: 230+230+205+205 = 870gms
- Date of Seizure: 27.07.2021
- **Place of Seizure**: AT Foreign Post Office, Strand Road, Kolkata – 700001.
- Arrested Persons 'Name:
- 1. Tarrena Bhatnagar
- 2. Sarvo
- 3. Rahul Mishra
- 4. Ashray Pandey











03RD OPERATIVE GROUP



- Crime No. 29, 30, 33 & 34 of 2021.
- Drug seized: High Potent Ganja
- Quantity: 220+220-470+105 = 1015gm
- Date of Seizure: 27.07.2021
- Place of Seizure: AT Foreign Post Office, Strand Road, Kolkata – 700001.
- Arrested Persons 'Name:
- 1. RAJAT ARORA
- 2. DEVARSH MOR







04TH OPERATIVE GROUP



- Crime No. 58/2021 & 66/2021
- Drug seized: LSD BLOTS
- Quantity: 2500nos of BLOTS
- Date of Seizure: 27.07.2021
- **Place of Seizure**: AT RPF Post Railway Station Darbhanga, Bihar.
- Arrested Persons 'Name:
- 1. DIRAJ KUMAR
- 2. PRABHAKAR CHAUDHARY
- 3. SUDHIR KUMAR
- 4. RAJAT NAYAK
- 5. KANAHIYA KUMAR





LSD blotter paper







SEIZED LSD BLOTS PICS





NCB **TYPES OF PARTY DRUGS**



Heroin

YABA Tablets

Ecstasy







Electric Cannabis



Barbiturates

TYPES OF PARTY DRUGs NCB





YABA Tablets



Ecstasy





Electric Cannabis

Cookies

LSD

Barbiturates

Interdiction of courier parcels at Airport

- Impact of Covid-19 Pandemic higher reliance on courier as a route (386 % increase in interdictions)
- Use of fake KYCs and other parameters creates layers of anonymity
- Internet pharmacy/Darknet/DTOs prefer courier over physical means (drugs can be confiscated without the carriers)
- Prevention/detection strategies
 - Suspicious shipment and suspicious shipper profiling
 - Analysis of the historical data with respect to hotspots and suspicious shippers
 - * X-ray/other state of art detection mechanisms to be deployed at Airports
 - ✤ Use of controlled delivery mechanism

Case study on courier interdiction

- ✤ Technical tie up with logistic company (DHL)
- Outbound and inbound parcels with specific parameters identified
- ✤ The data pertaining to suspicious shipments shared with DHL
- * The backend data analysis conducted by DHL pertaining to the suspicious shipments
- ✤ The network identified which led to
 - ✤ 34 interdictions of courier parcels
 - Backtrack investigation leads to the source of supply
 - Pharmaceutical company busted
 - + Huge seizures (2.2 Million psychotropic tablets) made in the investigation
 - The Darknet entity linked to this network arrested
 - Further investigation underway

• AWARENESS PROGRAMME

✓ Distribution of Hand Bills / Leaflets among the villagers containing the penal provisions in vernacular before the seed sowing season;

✓ Publication of Notice in the esteemed daily newspapers, announcement in local radio network;

✓ Organizing of awareness seminar at village levels by respective Panchayat Pradhan.

IDENTIFICATION

- Intelligence reports
- Previous destruction
- Field/ground survey
- Satellite imagery



SATELLITE IMAGERY

- CEIB tasked to conduct scientific survey of illicit cultivation through ADRIN.
- "Narcotics Crop Assessment Project" (NCAP) undertaken by ADRIN.
- Provides satellite images.
- Images only indicative of probability and need ground verification.
- Efficacious methodology & Signature Analysis required.





1. Survey & detection of areas of illicit poppy cultivation

- (i) Secret survey & identification of the cultivated plots;
- (ii) Other law & order problem may be assessed ;
- (iii) The photographs of the land may be obtained secretly showing the nearest identification mark, if feasible.

ACTION TAKEN BY NCB

- An Action Plan drawn for identification and destruction of illicit poppy cultivation.
- Nodal Officers of ----- identified states nominated.
- Convened meetings & coordinated with State and Central authorities on a continuous basis.

ACTION PLAN

- Regular meetings of composite teams at state/district level.
- Sharing satellite images with States.
- Verify and destroy crops
- Awareness campaigns.
- Action Plan for Alternative Crop

Development

PROBLEMS ENCOUNTERED

- Hilly & difficult terrain.
- Non Motorable remote areas.
- Mob Fury/ Resistance by cultivators as they feel aggrieved.
- Scarcity of labourers, logistics & funds.
- Reluctance of state administration in providing logistic support and adequate security.
- Fund crunch.

FUND CRUNCH

Adequate funds required for destruction operations – labour and logistics.

Funds from the "National Fund for Control of Drug Abuse".

Need for separate and sufficient funds.

ROAD AHEAD

Precise identification of cultivation areas.

Effective destruction operations.

Coordinated action by all agencies.

Adequate funding.

Alternative means of livelihood.

ALTERNATIVE MEANS OF LIVELIHOOD

- Alternative crop development.
- Other means of livelihood.
- State government to undertake pilot project.
- Awareness programmes.



Thanks for your attention

