

पुलिस प्रशिक्षण निदेशालय, उत्तर प्रदेश

पुलिस मुख्यालय(सिग्नेचर बिल्डिंग), प्रथम/द्वितीय तल, (टावर-1), शहीद पथ, गोमतीनगर विस्तार, लखनऊ 226002

पत्र संख्या प्रनि-प-02(11)/2024 (Bengaluru) 1776
सेवा में,

दिनांक जुलाई 26, 2024

1. पुलिस महानिदेशक
सीबीसीआईडी/अभिसूचना/भर्ती एवं प्रोन्नति बोर्ड/विशेष जॉच/विशेष अनुसंधान दल / मानवाधिकार आयोग/सतर्कता अधिष्ठान/रूल्स एण्ड मैनुअल फायर सर्विस, उ०प्र० ।
2. अपर पुलिस महानिदेशक,
/अभियोजन /साइबर काइम/अपराध/रेलवे, ईओडब्लू/ पीएसी /महिला एवं बाल सुरक्षा /ए०सी०ओ०/सुरक्षा/यूपी-112/यातायात एवं सडक सुरक्षा/ एसटीएफ /तकनीकी सेवार्यें/लाजिस्टिक्स/एटीएस/यूपी एसएसएफ लखनऊ।
3. अपर पुलिस महानिदेशक, समस्त जोन, उ०प्र०।
4. संस्था प्रमुख, समस्त पुलिस प्रशिक्षण संस्थान उ०प्र० ।
5. पुलिस आयुक्त, लखनऊ नगर/गौतमबुद्धनगर/वाराणसी नगर/कानपुर नगर /गाजियाबाद/आगरा/प्रयागराज।
6. अपर पुलिस अधीक्षक, सोसल मीडिया, मुख्यालय पुलिस महानिदेशक, उ०प्र० लखनऊ ।

कृपया DIG/DIRECTOR Central Detective Training Institute Bengaluru के पत्र संख्या-I-8(5)/CDTI-B/2023-2024 दिनांक 19.07.2024 (छायाप्रति संलग्न) का अवलोकन करने का कष्ट करें जिसके द्वारा सीडीटीआई बैंगलूरु में निम्नलिखित तिथियों में आयोजित होने वाले विभिन्न आफलाइन कोर्स हेतु सहायक उपनिरीक्षक से पुलिस उपाधीक्षक स्तर के उपयुक्त अधिकारियों के नामांकन उपलब्ध कराये जाने की अपेक्षा की गयी है।

| क्र०सं० | कोर्स | अवधि | पदस्तर | आयोजन स्थल |
|---------|--|--------------------------------|--------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 |
| 1 | SMART Policing. | 23-09-2024 to 25-09-2024 | ASI to Dy.SP | C. D. T. I. Bengaluru |
| 2 | Protection of data and digital public goods. | 27-09-2024 to 28-09-2024 | ASI to Dy.SP | C. D. T. I. Bengaluru |

निदेशानुसार अनुरोध है कि उपरोक्त कोर्स में प्रतिभाग किये जाने हेतु प्रत्येक जोन/कमिश्नरेट/इकाई से 01-01 उपनिरीक्षक से पुलिस उपाधीक्षक स्तर के उपयुक्त अधिकारियों के नामांकन दिनांक 25.08.2024 तक प्रत्येक दशा में निम्नलिखित प्रारूप में इस निदेशालय को उपलब्ध कराने का कष्ट करें। कृपया शून्य सूचना उपलब्ध न करायी जाय।
संलग्न-यथोपरि।

| S.No. | Name | Designation | Present posting | Whatsapp No/ Mobile No./ | Email-id | CUG and Email ID of officer Incharge |
|-------|------|-------------|-----------------|-----------------------------|----------|--|
| | | | | | | |

104
26/7/24
(हरि गोविन्दि)
पुलिस अधीक्षक, प्रशिक्षण
उ०प्र० लखनऊ।



No.I-8(5)/CDTI-B/ 2023-2024
CENTRAL DETECTIVE TRAINING INSTITUTE, BENGALURU
 Government of India – MHA – BPR&D

Dated: July, 2024.

To

1. The DGsP/ ADGsP (Trg.) – All States/ UTs
2. The DGs – BSF/ CISF/ CRPF/ SSB/ ITBP/ RPF/ Assam Rifles

Sub: Courses scheduled at CDTI, Bengaluru in the month of Sept, 2024 – reg.
(Physical Courses)

Sir/ Ma'am,

The Central Detective Training Institute, Bengaluru is one of the training wings of the Bureau of Police Research and Development, Ministry of Home Affairs, Govt. of India. CDTI, Bengaluru was mandated and declared as a **Centre of Excellence for Urban Policing (Smart Policing) and Block Chain Technology.**

2. The CDTI, Bengaluru scheduled the following two courses for the officers of the rank of ASI to Dy. SP in the month of September, 2024:

| S.No | Name of the Course | Date |
|------|---|--------------------------|
| 1) | SMART Policing | 23.09.2024 to 25.09.2024 |
| 2) | Protection of data and digital public goods | 27.09.2024 to 28.09.2024 |

3. **05 seats** have been allotted to your State/ Organization for each course and Joining Instructions are enclosed. Also see the draft schedule of the courses. Participants are expected to come up with a case study presentation (PPT). The nominations against the seats allotted may kindly be sent to the Director, CDTI, Ramanthapur, Hyderabad-500 013 through Fax: **040-27036865** and Email: **cdtshyderabad@nic.in** for confirmation of acceptance.

4. The information in respect of each nominated officer may kindly be sent as per the proforma given below:

| Sl.No. | Name* | Designation* | Present posting | Mobile No.* | E-mail ID* |
|--------|-------|--------------|-----------------|-------------|------------|
| | | | | | |

*Mandatory

5. It is requested that while nominating officers, an equal number of officers may also be nominated as reserve. **The nominations will be deemed to be accepted unless and until we revert it back.**

6. The trainees should be directed to report to the Director, CDTI, Bengaluru by **one day prior to the commencement of course positively.** It is requested that all concerned may kindly be informed accordingly. For more information, please contact our Nodal Officer **Dr. Karthikeyan, Vice Principal** at +91 88606 33032 or **Smt. Anusuya Baral, Dy. SP (Admn.)** at +91 70084 57012.

Yours faithfully,

RAJASHEKARA N, IPS
DIG/ DIRECTOR
 19/07/24

DGP/IP conference 2023 recommendation point "76" assigned to Mod division

PROTECTION OF DATA & DIGITAL PUBLIC GOODS TRAINING
CURRICULUM
DAY-1 SCHEDULE

| S.NO | SESSIONS | SUBJECT | DETAILS |
|--------------------------|--------------------------------------|---|--|
| 1. | SESSION 1 TIMING- 09:30-10:30 HRS | Introduction to Public Digital Goods Security & Emerging Trends & Statistical Analysis | -Overview of cybersecurity threats to public digital goods - Understanding the importance of securing public digital goods |
| TEA BREAK - 30 MINUTES | | | |
| 2. | SESSION 2 TIMING 11:00-13:00HRS | Cyber Threat Landscape & Security-Familiarity with physical, network and software security | - Analysis of current cyber threats targeting public digital goods - Identifying common vulnerabilities and attack vectors -Various tool & techniques for securing network and its components. -Various methods to secure software , its regular upgradation and security patching. |
| LUNCH BREAK - 60 MINUTES | | | |
| 3. | SESSION 3 TIMING- 14:00-15:30HRS | Working of firewalls and routers,Data encryption,Risk mitigation strategy and threat analysis for handling protection of data and digital public goods . | -Working of firewalls and routers -Risk mitigation strategy-Risk mitigation strategy. -Avoidance of risk, Controlling risk etc -Threat analysis techniques and tools |
| TEA BREAK - 30 MINUTES | | | |
| 4. | SESSION 4 TIMING- 16:00-18:00HRS | Cloud computing/ Virtualization skills required for handling protection of data and digital public goods . & Performance Management- use of APM tools that automatically monitor/assess applications. | -What is cloud computing? -Skills like Cloud service platform knowledge, Database management skills,Application Programming Interfaces (APIs)etc What are APM tools ? - APM tools gather and quantify data from almost anything that plays a role in an app's performance. |

PROTECTION OF DATA & DIGITAL PUBLIC GOODS TRAINING
CURRICULUM
DAY-2 SCHEDULE

| S.NO | SESSIONS | SUBJECT | DETAILS |
|---------------------------------|--------------------------------------|---|--|
| 5. | SESSION 5 TIMING- 09:30-10:30 HRS | Zero Trust for Secure Workloads-the skills required to secure, monitor, and troubleshoot workload communications of protection of data and digital public goods . | What is Zero Trust? -Ensure that all access requests are continuously vetted prior to allowing access -Need to address key threat use cases including: I.Ransomware II.Supply chain attacks Insider threats |
| TEA BREAK - 30 MINUTES | | | |
| 6. | SESSION 6 TIMING- 11:00-13:00HRS | Investigating Cyber Incidents & Incident Response for Public Digital Goods | - Process for conducting cyber incident investigations - Chain of custody and evidence handling procedures - Developing an incident response plan for public digital assets - Coordinating response efforts with other LEAs and cybersecurity experts |
| LUNCH BREAK - 60 MINUTES | | | |
| 7. | SESSION 7 TIMING- 14:00-15:30HRS | Legal and Regulatory Framework | - Overview of relevant New criminal laws and regulations governing cybersecurity and digital investigations - Legal challenges in prosecuting cybercrime cases involving public digital goods |
| TEA BREAK - 30 MINUTES | | | |
| 8. | SESSION 8 TIMING- 16:00-18:00HRS | Case Studies and Practical Exercises & Assessment | - Analysis of real-world cyber incidents involving public digital goods - Developing investigative strategies based on case scenarios -Participation and engagement in class discussions (25%) - Assignments and practical exercises (25%) - Final project presentation and report (50%) |



Central Detective Training Institute, Bengaluru

Course on 'Smart Policing'

| S.No | Time | Topic /Sub Topics |
|----------------|-------------|---|
| DAY - 1 | | |
| 1 | 0930-10:00 | Briefing & Course Introduction |
| 2 | 10:00-10:30 | Inaugural address by Director, CDTI, Bengaluru |
| 3 | 10:30-11:00 | High Tea |
| 4 | 1100-12:20 | Introduction to Smart policing and Implementation of New Criminal Laws |
| 5 | 12:20-13:40 | Data Driven policing <ul style="list-style-type: none">• Biometrics• Integration of Data• CCTNS, e-Sakshyam, Nyaya Shruti |
| 6 | 13:40-14:40 | Lunch Break |
| 7 | 14:40-16:00 | Data Driven Policing, Crime Mapping, Organized Crime <ul style="list-style-type: none">• Data collection & Analysis• Ethical consideration in Data Driven Policing |
| 8 | 16:00-16:10 | Tea Break |
| 9 | 16:10-17:30 | Importance of Social Media in policing <ul style="list-style-type: none">• Case studies with investigation procedure• Digital arrest, latest cyber crimes |
| DAY - 2 | | |
| 10 | 0930-1050 | Surveillance & Monitoring System CCTV Closed Circuit Television (CCTV) <ul style="list-style-type: none">• Introduction to CCTVs• Introduction to networking devices with respect to CCTV• Types of CCTVs,• Working of CCTVs and various video file formats Types of video surveillance systems <ul style="list-style-type: none">➤ DVR-Digital video recorder,➤ NVR Network Video Recorder,HVR-Hybrid video recorder, etc• Drone Technology |
| 11 | 10:50-11:00 | Tea Break |
| 12 | 11:00-12:20 | Case Study related to CCTV Investigation & Drone technology <ul style="list-style-type: none">• Real time issues during submission of evidence in court• Challenges in collection Preservation of evidence<ul style="list-style-type: none">• SOPs for Handling CCTV Cases• Search & Seizure procedure of CCTV• Dos and Donts |
| 13 | 12:20-13:40 | Crime Detection and Crime Prevention |

| | | |
|----------------|---------------|--|
| | | <ul style="list-style-type: none"> • Predictive Policing • Technologies in policing <ul style="list-style-type: none"> • Facial Recognition Software AI tool • Enhanced Body worn camera • Automatic licence plate recognition (ALPR) system in policing • Voice Technology & Voice Recognition System • Voice command technology in police cars • Use of Layered Voice Analysis • Speaker Identification • Thermal Imaging • Other AI tool & advanced technology used in policing |
| 14 | 13:40-14:40 | Lunch Break |
| 15 | 14:40-16:00 | Blockchain technology in Cyber Crime Investigations <ul style="list-style-type: none"> • Introduction to blockchain technology and its relevance in investigating cryptocurrency-related crimes • Tools and methodologies for tracing blockchain transactions and identifying illicit activities • Real-world examples of successful blockchain technology investigations |
| 16 | 16:00-16:10 | Tea Break |
| 17 | 16:10 -17:30 | <ul style="list-style-type: none"> • Legal and regulatory aspects related to blockchain technology • Case studies of AI and blockchain being used in cyber crime investigation • Discussion of ethical and legal implications of using AI and blockchain in cyber crime investigation |
| DAY - 3 | | |
| 18 | 0930-1050 | Machine Learning and Predictive Analytics <ul style="list-style-type: none"> • Machine learning in law enforcement • Predictive analytics for crime prevention Real-world AI use cases |
| 19 | 10:50-11:00 | Tea Break |
| 20 | 11:00-12:20 | Understanding Crime trend & AI In Real time investigation |
| 21 | 12:20-13:40 | Real world examples of smart policing |
| 22 | 13:40-14:40 | Lunch Break |
| 23 | 14:40-16:00 | AI and Cryptocurrency in National Security <ul style="list-style-type: none"> • AI and cryptocurrency in the context of national security • Threat assessment and mitigation strategies |
| 24 | 16:00-17:00 | Case studies presentation by participants |
| 25 | 17:00 - 17:30 | Valedictory session by Director, CDTI, Bengaluru |

CENTRAL DETECTIVE TRAINING INSTITUTE, BENGALURU.

JOINING INSTRUCTIONS

1. **Reporting Time:** The Officers nominated should report at the CDTI, Bengaluru by the evening of one day prior to the commencement of the course or in the early hours of the day on which the course commences.
2. **Working Days & Hours:** Monday to Friday - From 09.30 AM to 06.00 PM
3. **Eligibility:** Officers of the rank of **SI to Dy. SP**, preferably below the age of 50 years, may kindly be deputed for training
4. **Administration:** Each nominee will bring with him four recent passport size photographs in working dress bare-headed. Registration forms will be supplied by the Institute wherein the nominees will be required to fill up particulars of their service, such as date of birth, date of entry into force, details of work done in different branches up-to-date, etc. Trainees will come prepared to furnish these particulars. During the period of training, no leave will be granted. As the Course is very short, it will not be possible to spare the trainees for Court work during the training period. Trainees should finish their evidence in Courts before leaving for CDTI training or seek suitable adjournments beyond the training period. Trainees should not bring any service or private weapons and ammunition.
5. **Dress:** All the trainees will bring with them the uniform of their rank; working dress will be worn by the trainees during training. In the afternoon session, Smart Civvies (Formal Pants, Full shirt/Half Shirt and Tie (Optional) for Men and Saree/Salwar/Shirt Pant for Women. Chappals, Sandals, Jeans and Sports Shoes will not be allowed in the class room.
6. **Boarding and Lodging will be free of Cost**
7. **Reading Material:** Reading material for the Course will be supplied on arrival.
8. **Contact Details:** Office - 27038182; **7005101003**
Hostel: **040-27037945 (can be contacted 24-hours)**
e-mail: cdtshyderabad@nic.in
9. **Dispersal:** Participants can leave the Institute after the Valedictory Address on the concluding day of the Course i.e. around 6.00 P.M. They can leave on the same day by late evening.
10. **Location:** The CDTI is located at Hebbal, Bangalore. The Hostel is situated within the Karnataka Veterinary Council Campus.

Postal Address: Office of the Registrar,
Karnataka Veterinary Council,
Hebbal, Bangalore:560024
