

MEMORANDUM OF UNDERSTANDING

BETWEEN

DIRECTOR GENERAL OF POLICE, HIMACHAL PRADESH, SHIMLA
&
DIRECTOR, INDIAN INSTITUTE OF TECHNOLOGY (IIT) KAMAND,
MANDI, HP

A BRIEF NOTE

1. Director General of Police, Himachal Pradesh (hereinafter referred as DGP-HP) entered into an MoU with Director, Indian Institute of Technology VPO Kamand, Mandi, Himachal Pradesh 175075 (hereinafter referred as Director IIT Mandi) on 25th September, 2020 at the Police Head Quarters, H.P., Shimla with a purpose to set up an institutional mechanism for interaction between the Police Department of HP and IIT Mandi. The MoU will be used to facilitate the police personnel to update their knowledge inter-alia about the following subjects: -
 - (a) new technologies, research and analytics;
 - (b) geographical and temporal analysis of crime and public order; prediction of periodic crime trends;
 - (c) cyber crime, cyber forensics and cyber security;
 - (d) traffic management, e-challaning, beat and patrolling system, threat and security analysis;
 - (e) Suitable people friendly mobile applications;
 - (f) material science and
 - (g) network analysis.

The collaboration will be based on research & development activities and capacity building which will involve Police Officers and IIT faculty, researchers

as well as students. The IIT students will be offered exposure to police functioning and internships at various units of the HP Police.

2. The objectives of the MoU will be realized under an institutional mechanism, which is termed as **Police-Technology Synergy Convention (PTSC)**. The document is being jointly signed by DGP-HP & Director, IIT Mandi.



Memorandum of Understanding

3. This Memorandum of Understanding is made on this 25th day of September, 2020 at the **Police HQs, Shimla -171002.**

BETWEEN

The Director General of Police, Himachal Pradesh (FIRST PARTY)

AND

Director, Indian Institute of Technology, Mandi (SECOND PARTY)

Through their authorized officials

4. RATIONALE

The rationale of this MOU is to bring about synergy between police and technology.

5. OBJECTIVES

- (a) Through the MoU establish institutional cooperation between the Police Department and IIT Mandi.
- (b) To set up an institutional mechanism for interaction of faculty, researchers and students of IIT Mandi with Police Officers of H.P. on subjects mentioned in para 1 earlier.
- (c) IIT Mandi will enable the Police Department, Himachal Pradesh to become a leading police force in the country in terms of systems, protocols and technologies.
- (d) This partnership aims to undertake mutually beneficial research and analysis and to conduct training & capacity building programmes to meet the missions of HP Police and IIT, Mandi. The objectives of the MOU inter-alia include:
 - (i) To set up an institutional mechanism for interaction of students, researchers and faculty of IIT, Mandi with the HP Police Officers on technology and innovation.
 - (ii) Collaboration involving students, researchers, faculty members of IIT Mandi and Police Officers of HP will be based on research & development activities and capacity building.

- (iii) The collaboration involves interaction of students with police officers to enhance exposure to crime trends, detection, prediction and analytics and learning about technological matters. Also update the knowledge of HP Police Officers particularly Investigating Officers (IOs) about technological matters.
- (iv) IIT Mandi will give periodic recommendations for improvement in police working especially with respect to systems, protocols, technologies and training imparted at PTC, Daroh and other units in HP Police.
- (v) HP Police will recognise and facilitate IIT, Mandi in publishing research papers and conducting specific projects subject to confidentiality of data and police practices. IIT, Mandi will identify key research areas and issues on which their faculty, researchers or students could conduct research and provide feedback to HP Police.

6. TERMS OF AGREEMENT

- (a) To set up an institutional mechanism for interaction of IIT Mandi with Police Officers of the state on technological matters. The institutional mechanism is named **Police-Technology Synergy Convention (PTSC)** with the Director of the IIT and one more member nominated by the Director as member from the institute. The DGP may himself be part of **PTSC** or nominate two senior officers as members. The ADG, CID may be appointed as the Nodal Officer and member from HP Police. The other Member nominated by the DGP may be the convener.
- (b) The IIT will send suitable students in each academic session for short term (ranging from one week to one month) internship to the state police units and Police Stations through the State Police Headquarters. A Nodal Officer may be appointed in each district SP office in this regard. At the end of internship, the students will submit reports to the State Police and the IIT. The IIT may grade the internship of the students as part of their internal evaluation/assessment process. After the submission of reports by the students, a workshop may be organized by the State Police wherein the students will present their report and members of the IIT Mandi faculty may also be invited. On specific requests, the HP Police may also organize visit of the students to Police

Training College, CID, Battalions, Prisons, State Technical Service Authority and any other specialized units of police during the internship period.

- (c) Regular academic conferences, workshops and discussions may be conducted by HP Police and IIT Mandi jointly on the subjects mentioned in para 1. These conferences, workshops and discussions may involve the State Police, technological experts, IIT faculty, researchers and students.
- (d) The IIT will assist in designing, curriculum, delivery and review mechanism for training of police officers on technological matters.
- (e) IIT will periodically guide police officers on how to simplify the investigation of IT related cases and to formulate a compact protocol for investigation.
- (f) IIT and HP Police will follow common policy on confidentiality and privacy of information.

7. DELIVERABLES

- (a) The suggestive list of task which may be carried out by the investigating officers/police officers during the period of attachment/internship of the students are as follows:

- Each police officer to review 3 cases after attachment of IIT students.
- Analysis of IT related cases crime scene by IO based on interaction with students.
- The IO to update their knowledge about technical evidence to be collected and how to collect the same.
- The IOs/Police Officers to update their knowledge in technological matters.

- (b) The suggestive list of tasks which may assigned to students during the period of attachment is as follows:

- Students may look into FIRs of IT related cases and analyse whether appropriate technological procedures had been used or not.
- Students may assist IOs/Police Officers in the use of technology in IT related cases.

- (c) IIT may organise workshops and other simulated exercises for police officers for demonstrating how technical evidence can be collected. Regularly sensitise police officers and update their knowledge about innovative methods, biotechnology and communications.
- (d) IIT will update knowledge of police officers about latest technological methods of investigation. Update IOs/Police Officers about numerical computing detection and prediction of crime which can be used by IOs/police officers to strengthen their investigation.
- (e) Students may be given cases that have ended in acquittal involving IT or other technology for studying and suggesting remedial measures.
- (f) One Academic Conference/Workshop to be conducted by the State Police and IIT jointly on technological process, collection of IT evidence, coordination, functioning of District Technical Cell and problems faced by IOs during technical investigation. The conference/workshop will involve HP Police, IIT faculty members & students.
- (g) Half yearly training programmes to be organized by IITs for training Police Officers on technological matters.
- (h) IIT Mandi will help police officers in better use of open source tools for better management of police force, predictive policing, work flow process, collection and analysis of data, inventory management, presentations etc.

8. OTHER ARRANGEMENTS

This MOU does not supersede any existing agreement or arrangement or affect any future agreement or arrangement among the parties and does not affect the ability of the parties to enter into other agreements or arrangements related to this MOU. In the course of agreement under this MoU, it may be necessary for the parties to disclose confidential information. Unless otherwise expressly permitted under any law or by this MoU, any such information shall be kept confidential and not communicated to a third party.

9. NAMES AND ADDRESSES OF PARTICIPATING PARTIES

- (A) Director's Name: **Prof. Ajit Kumar Chaturvedi**
Name & address of the Institute: **Indian Institute of Technology,
VPO Kamand, Mandi, 175 075 H.P.**
- (B) DGP, Himachal Pradesh: **Shri Sanjay Kundu, IPS**
Address; **Police Headquarters,
Nigam Vihar, Shimla 171 002 H.P.**

10. LIASON OFFICERS

- (A) **Shri Kamal Kumar Bajre**
Registrar
Indian Institute of Technology, Kamand, Mandi 175 075 H.P.
Tel.No. 01905-267015 **FAX: 01905-267075**
E-Mail: registrar@iitmandi.ac.in **Website: www.iitmandi.ac.in**
- (B) **Shri N. Venugopal, IPS**
ADGP/CID, H.P.
Tel.No. 0177-2622177 **FAX: 0177-2623224**
E-Mail: adgp-cid-hp@nic.in **Website: www.hppolice.gov.in**

11. DURATION OF MOU AND COMMUNICATION

This MOU shall become effective on the date of signature of all the parties and will continue for 05 years, and beyond that time shall continue to remain in operation, till terminated by either party. It may be amended by mutual agreement of both the parties in writing. It may be terminated by either party without penalty or liability on three months notice to the other party but not before the completion of the on-going projects. All communications must be sent to addresses set forth below or to such other addresses designated by both Parties by written notice.

12. REGULATIONS

The MoU is non-binding agreement that both Parties have entered into good faith with no financial liabilities. This MOU and all associated agreements will be subject to the applicable laws and regulations from time to time. If any doubt arises as to the interpretation of the provision of this agreement or as to matters not provided therein, parties to this MoU shall consult with each other for resolution of such doubts in good faith.

In WITNESS WHEREOF duly authorised heads/representatives of the Parties have agreed to the understanding of responsibilities set forth above.

Approved and Accepted



**Director,
Indian Institute of Technology,
Kamand, Mandi 175 075**

**Director
IIT Mandi (H.P.)
Pin-175005**

Approved and accepted



**Director General of Police
Himachal Pradesh,
Shimla 171 009**

Director General of Police
Himachal Pradesh, Shimla

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for

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**Director,
Indian Institute of Technology,
Kamand, Mandi 175 075**

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**Director General of Police
Himachal Pradesh,
Shimla 171 002**

Director General of Police
Himachal Pradesh, Shimla