



# **1. POLICE WIRELESS COMMUNICATION COURSES (LEVEL COURSES) FOR COMMON COMMUNICATION CADRE**

## **1.1 POLICE WIRELESS COMMUNICATION COURSE LEVEL-III (PWCC-LIII)**

Police Wireless Communication Course Level-III (PWCC-LIII) course is meant for entry level Police Communication Personnel of Constable rank or equivalent. The minimum educational qualifications of these newly recruited Constable is expected to be 10+2(PCM) or ITI pass. Duration of course will be 15 weeks in which Trainees will learn about radio communication procedures, Computer typing, Sending and receiving of Wireless messages using Morse code and other communication systems, operation and maintenance of basic communication systems in use. After successful completion of Course Trainee will attain the eligibility for the promotion to the next level of hierarchy Head Constable subject to fulfilling the other eligibility conditions as per recruitment rules.

## **1.2 POLICE WIRELESS COMMUNICATION COURSE LEVEL-II (PWCC-LII)**

Police Wireless Communication Level-II (PWCC-LII) course is meant for Level-III passed candidates. PWT-III and PWO-III passed candidates are also eligible to undergo PWCC-LII course after completing respective refresher course of minimum two week duration (TRC/ORC). Duration of course will be 12 weeks in which Trainees will learn about various police Communication techniques and systems their operation, maintenance and Repair and installation etc. After successful completion of Course Trainee will attain the eligibility for the promotion to the next level of hierarchy i.e. Assistant Sub-Inspector subject to fulfilling the other eligibility conditions as per recruitment rules.

## **1.3 POLICE WIRELESS COMMUNICATION COURSE LEVEL-I (PWCC-LI)**

Police Wireless Communication Course Level-I is meant for PWCC-LII passed candidates or equivalent. PWT-II and PWO-II passed candidates are also eligible to undergo this course after completing respective refresher course of minimum two week duration (TRC/ORC). Duration of course will be 12 weeks, in which Trainee will learn about various communication systems and techniques in detail including knowledge of advanced electronic circuits and devices and will have opportunity to become a "TOT" grade Police Communication Personnel. After passing the PWCC-L-I course, trainees will attain the eligibility for promotion to the rank of Sub Inspector or equivalent subject to fulfilling the other eligibility conditions as per recruitment rules.

## **1.4 POLICE WIRELESS COMMUNICATION COURSE ADVANCED LEVEL (PWCC-AL)**

Police Wireless Communication Course Advanced Level (PWCC-AL) is meant for PWCC-LI passed candidates. However, this is an advanced level training program where common and separate communication cadre will be merged into a single cadre. Therefore candidates from separate Technical and Operational cadre will also join this course after completing a minimum





four weeks Police Wireless Orientation Training (PWOT) to achieve equivalency of knowledge in terms of operational and technical part of Police Communication. Direct recruited Sub-Inspectors having minimum educational qualifications science graduate (PCM)/Engineering Graduates/Diploma in ECE etc. will also join this course after completing the Police Basic Training and Police Wireless Orientation Training (PWOT) of four weeks. Duration of course will be eight weeks, in which Trainee will learn about various communication systems and techniques including latest development in the field of Police Communication and Information Technology. Trainees will attain the eligibility for promotion to the rank of Inspector or equivalent after passing PWCC-AL course subject to fulfilling the other eligibility conditions as per recruitment rules.

### **1.5 ADVANCED COMMUNICATION AND SYSTEM MANAGEMENT COURSE (ACSM)**

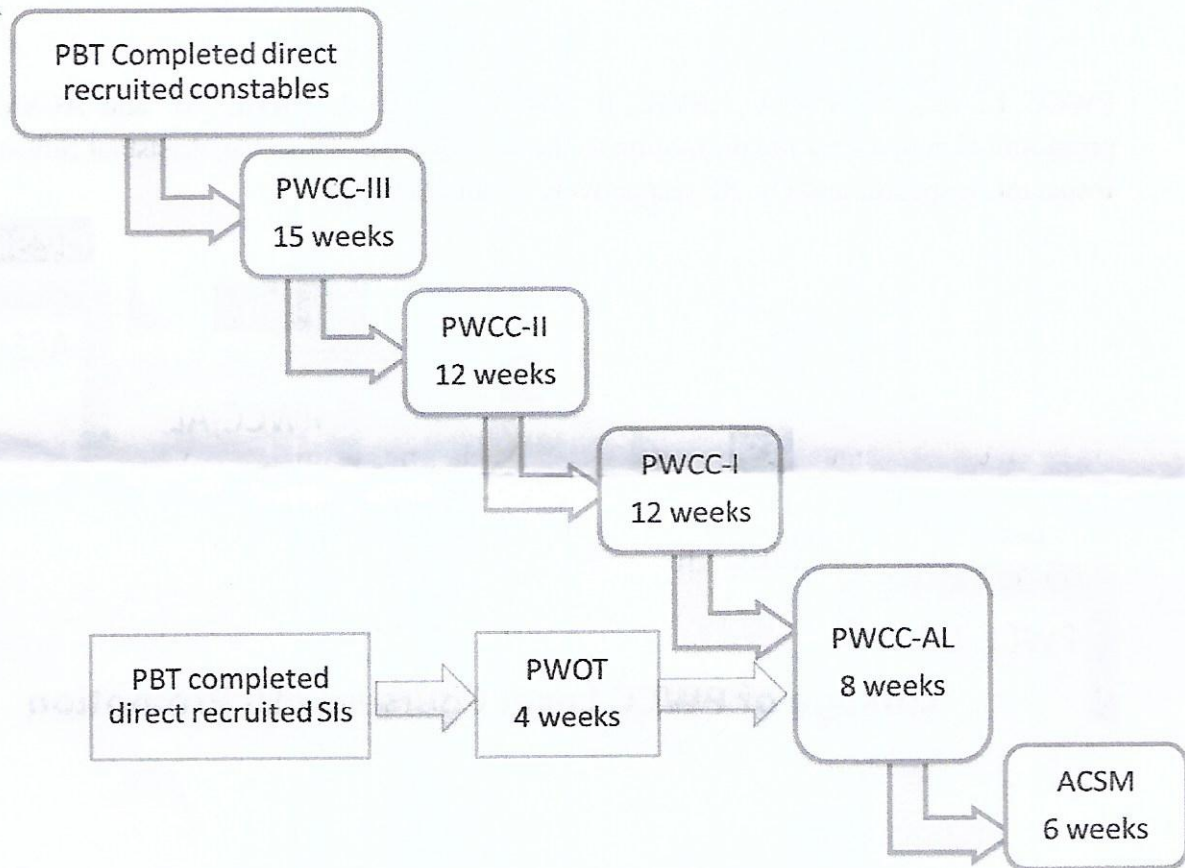
Advanced Communication and System Management Course (ACSM) is meant for Police Wireless Communication Course Advanced Level (PWCC-AL) passed candidates as well as for Police Basic Training completed (where ever applicable) directly recruited Dy. SPs or equivalent Police Communication officers having minimum educational qualifications Engineering Graduates in ECE or MSc in Physics/Electronics/Communication etc. Duration of course will be six weeks, in which Trainee will learn about various advanced communication systems and techniques and their use in Police Organisations and Management including command and control. After passing the ACSM courses Trainees are expected to handle the management of police control rooms at all levels.

### **1.6 POLICE WIRELESS ORIENTATION TRAINING (PWOT)**

Police Wireless Orientation Training (PWOT) is meant for PWT-I or PWO-I passed candidates for attaining eligibility for PWCC-AL course of Common Cadre for further training. Direct recruited Sub-Inspectors are also required to undergo PWOT course before they are admitted in PWCC-AL course. Duration of PWOT course will be for four weeks only in which basics of operational and technical part of police communication system will be covered.



## 2. FLOW CHART OF POLICE WIRELESS TRAINING PROGRAMME FOR COMMON COMMUNICATION CADRE



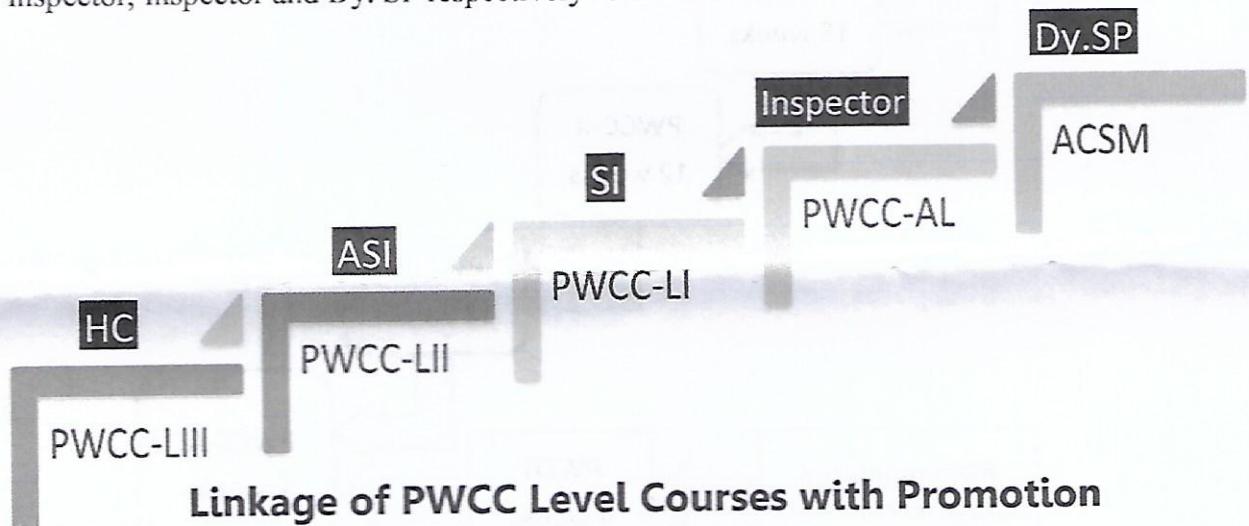
PBT\*: Police Basic Training (PBT) to be conducted by State /UT Police for Drill Discipline, it is advisable that PBT should include two week training on communication equipment's /Network System of State /UT /organization. If not, two week training program on communication equipment's/network/system may be conducted by respective State/UT/Organization for direct recruits.





### 3. Promotional hierarchy of Police Communication Personnel and their linkage with Level Courses

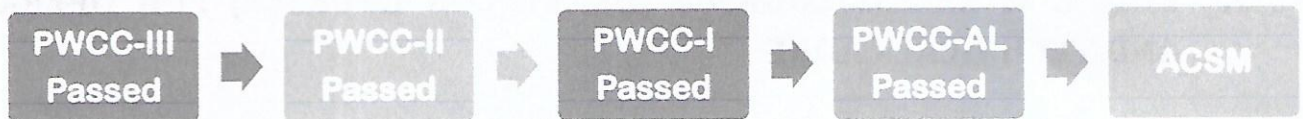
PWCC LEVEL-III, PWCC LEVEL-II, PWCC LEVEL-I, PWCC-AL and ACSM Courses are promotional courses for the promotion to the rank of Head constable, Assistant Sub-Inspector, Sub-Inspector, Inspector and Dy. SP respectively as shown below.



### 4. Eligibility criteria of Police Wireless Communication Courses for common communication cadre

- 4.1 Candidates declared PWCC level-III passed is eligible for PWCC level-II, similarly PWCC Level-II passed candidates will be eligible for PWCC Level-I and PWCC Level-I pass candidates will be eligible for PWCC-AL and after passing the PWCC-AL course candidates will be eligible for Advanced Communication System Management course (ACSM). Direct recruited Sub Inspectors or Assistant Communication Officers of DCPW or equivalent are directly eligible for PWCC-AL course after completion of Police Basic Training (where ever applicable) and Police Wireless Orientation Training (PWOT). Direct recruited Dy. SPs and Joint Assistant Directors of DCPW or equivalents are directly eligible for Advance Communication System Management course (ACSM).
- 4.2 Organisations where induction level is ASI rank instead of Constable, candidates of such organization will be eligible directly for PWCC-L-II Course after undergoing a refresher course of 02 week duration. The syllabus of refresher course will be same as PWCC-L-III except topics will not be covered in detail.





### **Eligibility criteria for admission in Police Communication Level Courses**

- 4.3 Cooling period between two successive Police Communication Level Courses will be minimum one year. After completion of any Police Communication Level course official should be deployed in field for minimum one year before nominating for next course. However in exceptional case cooling period can be reduced or exempted by Director, DCPW.

### **5. Eligibility criteria for conduction of Police Wireless Communication Courses**

- 5.1 Central Police Radio Training Institute (CPRTI) New Delhi is the nodal Training Centre for conducting all types of Police communication courses.
- 5.2 Apart from CPRTI New Delhi and Regional Police Wireless Training Institutes (RPWTIs) of DCPW the Training Institutes of other Central Police Organisations and States/UTs Police Organisations having adequate Training Infrastructures and Trained faculty can also conduct these courses with due permission of DCPW, MHA.

### **6. Evaluation procedure of Police Communication Level Courses**

- 6.1 Police Communication Courses will be evaluated by Trade Test Board (TTB) at the end of Course. TTB will evaluate the performance of Trainees as per their performance in final examination and continuous assessment done by Course Director.
- 6.2 TTB will consist of minimum three Officers including a technical expert from DCPW and other officers will be from respective Police Wireless organisations. TTB shall be headed by a minimum SP or equivalent rank Officer.
- 6.3 To facilitate the examinations, CPRTI will maintain a question bank for final examination of Police Communication Courses to be conducted at CPRTI/RPWTIs and other training Institutes at Central and State/UT level.

### **7. Reappearance in Examination**

Candidates failed in any or all the Papers of Final Examination of respective course will be allowed to reappear in failed papers. Usually 03 attempts are allowed to re-appear in examination of failed papers at same Training Institute or at CPRTI/RPWTIs. In case a candidates who does not pass the exam within three attempts, such candidate has to undergo the course (training) afresh. However, Director, DCPW can relax the Nos. of attempts in exceptional cases.





## **9. POLICE WIRELESS COURSES (GRADATION COURSES) FOR OPERATIONAL AND TECHNICAL CADRE**

### **9.1 POLICE WIRELESS OPERATOR GRADE-III (PWO-III) - 15 WEEKS**

Police Wireless Operator Grade-III (PWO-III) is entry level course for Police Communication Personnel or equivalent of Operational Cadre. Duration of course will be 15 weeks, in which Trainee will learn about Radio Communication procedure, Computer Operation & typing, Morse code and Sending / Receiving of messages using Morse code. Trainees will be familiarized with communication equipments and test instruments and their operation with introductory knowledge of advanced communication techniques. After passing the PWO-III course, trainees will become eligible for promotion to the rank of Head Constable or equivalent subject to other terms and conditions of recruitment rules.

### **9.2 POLICE WIRELESS OPERATOR GRADE-II (PWO-II) 12 WEEKS**

Police Wireless Operator Grade-II (PWO-II) is meant for PWO-III passed Police Communication Personnel. Duration of course will be 12 weeks, in which Trainee will learn about Digital Electronics, Overview of Communication aspects, various Antennas, terminologies and their behavior, Computer Networking and related terminologies. Trainees will be also familiarized with Information Security related Act, Breaches in Communication and introductory knowledge of advanced communication techniques. After passing the PWO-II course, trainees will become eligible for promotion to the rank of Assistant Sub Inspector or equivalent subject to other terms and conditions of recruitment rules.

### **9.3 POLICE WIRELESS OPERATOR GRADE-I (PWO-I) 12 WEEKS**

Police Wireless Operator Grade-I (PWO-I) is meant for PWO-II passed Police Communication Personnel. Duration of course will be 12 weeks, in which Trainee will learn about Digital Communication, Overview and advancement in Satellite Communication, Optical Fibre System, Trunking System, Overview of Telecommunication Regulation Cellular Communication and related terminologies. Trainees will be also familiarized with Microprocessor, Software Defined Radio and introductory knowledge of advanced communication techniques. After passing the PWO-I course, trainees will become eligible for promotion to the rank of Sub Inspector or equivalent subject to other terms and conditions of recruitment rules.

### **9.4 POLICE WIRELESS TECHNICIAN GRADE-III (PWT-III)– 15 WEEKS**

Police Wireless Technician Grade-III (PWT-III) is entry level course for Police Communication Personnel of Technical Cadre. Duration of course will be 15 weeks, in which Trainee will learn about Elementary Mathematics, Semiconductors devices, Transistor, Wave Propagation, Computer Fundamental and familiarize with communication equipments, test instruments and their operation





with introductory knowledge of advanced communication techniques. After passing the PWT-III course, trainees will become eligible for promotion to the rank of Head Constable or equivalent subject to other terms and conditions of recruitment rules.

### **9.5 POLICE WIRELESS TECHNICIAN GRADE-II (PWT-II)– 12 WEEKS**

Police Wireless Technician Grade-II (PWT-II) is meant for PWT-III passed Police Communication Personnel of Technical Cadre only. Duration of course will be 12 weeks, in which Trainee will learn about Digital Electronics, Telecommunication Techniques, Police Communication System and various Electronics Circuit and their behaviour. After passing the PWT-II course, trainees will become eligible for promotion to the rank of Assistant Sub Inspector or equivalent subject to other terms and conditions of recruitment rules.

### **9.6 POLICE WIRELESS TECHNICIAN GRADE-I (PWT-I) – 12 WEEKS**

Police Wireless Technician Grade-I (PWT-I) is for PWT-II passed Police Communication Personnel of Technical Cadre only. Duration of course will be 12 weeks, in which Trainee will learn about Advance Communication Techniques in Communication, radio Communication System, Study of Special Electronic Devices and Circuit and their behaviour. After passing the PWT-I course; trainees will become eligible for promotion to the rank of Sub Inspector or equivalent subject to other terms and conditions of recruitment rules.

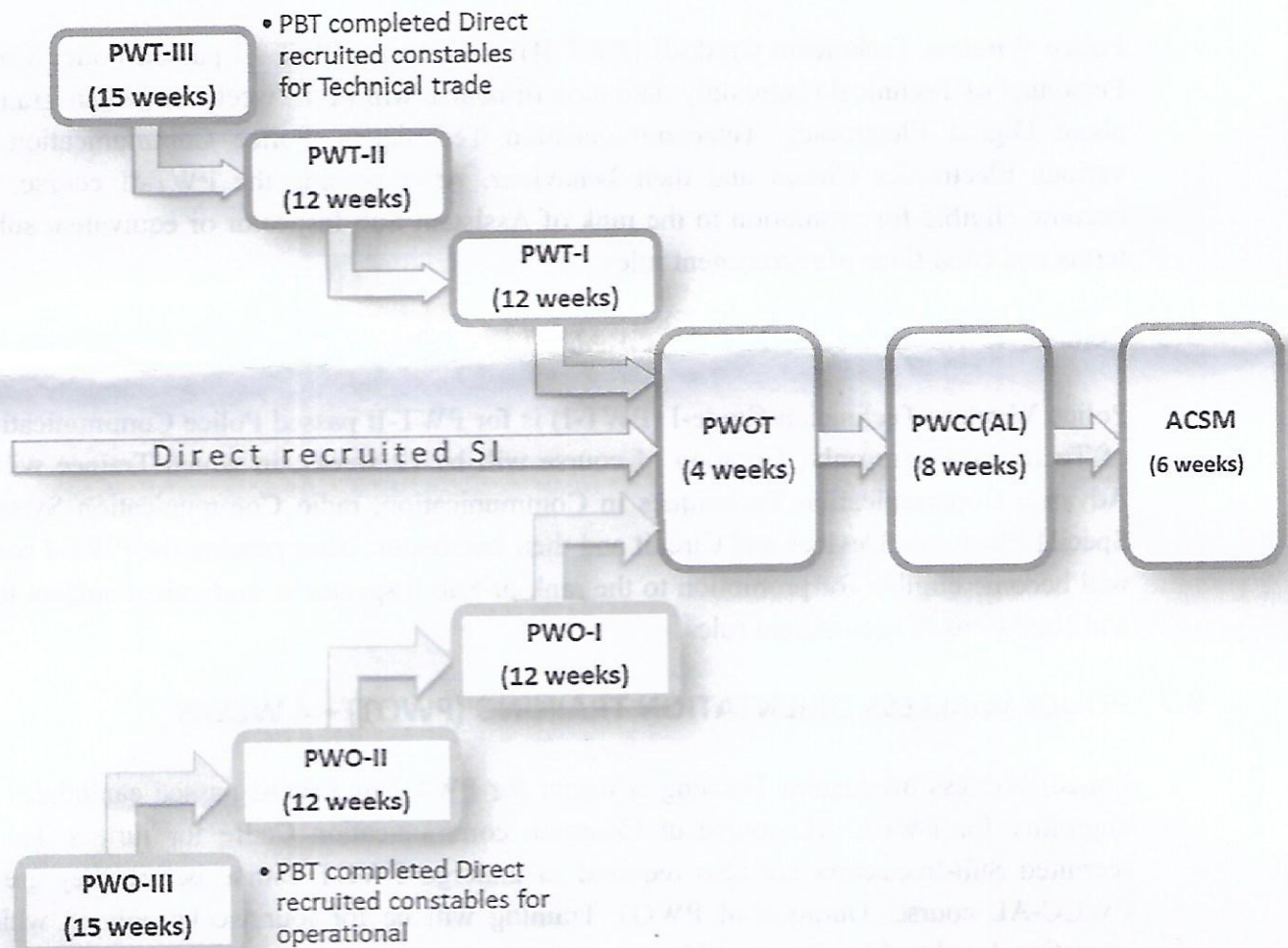
### **9.7 POLICE WIRELESS ORIENTATION TRAINING (PWOT) – 4 WEEKS**

Police Wireless orientation Training is meant for PWT-I or PWO-I passed candidates for attaining eligibility for PWCC-AL course of Common communication Cadre for further Training. Direct recruited Sub-Inspectors are also required to undergo PWOT course before they are admitted in PWCC-AL course. Duration of PWOT Training will be for four weeks only in which basics of operational and technical part will be covered.

### **9.8 Organisations where induction level is ASI rank instead of Constable, candidates of such organization will be eligible directly for PWO-II / PWT-II course.**



## 10. FLOW CHART OF POLICE WIRELESS TRAINING PROGRAMME FOR TECHNICAL AND OPERATIONAL CADRE



\*Police Basic Training (PBT) has to be conducted by respective State/UT Police

### Flow chart of Technical and Operational cadre courses

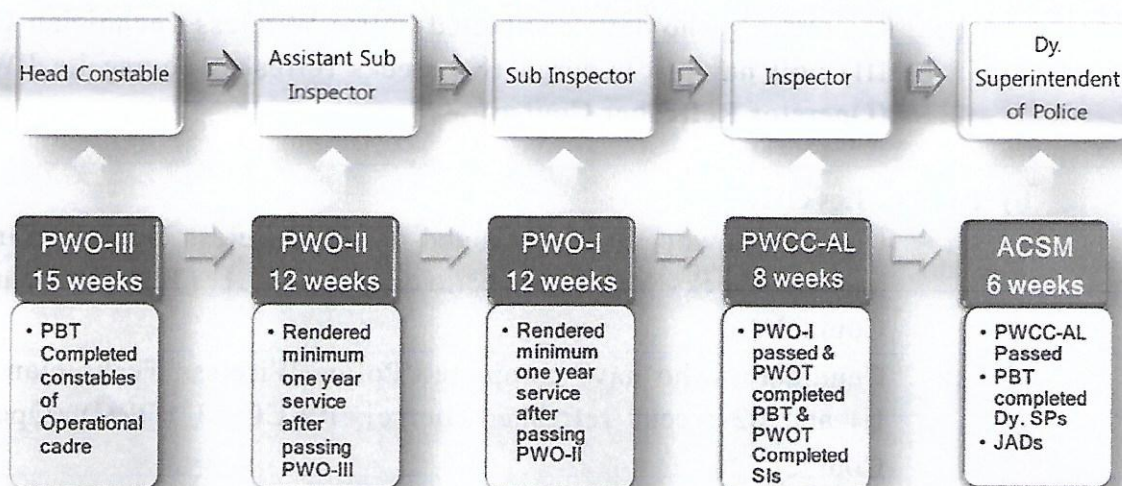




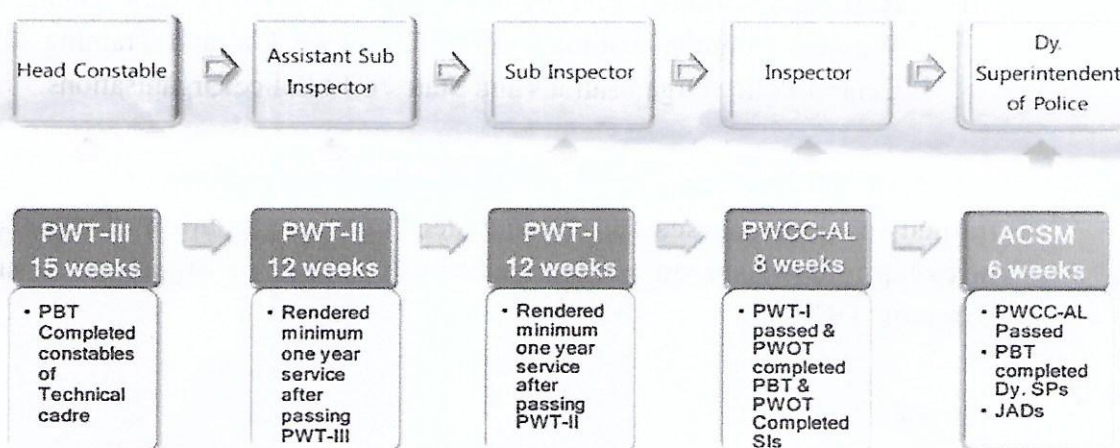
## 11. Promotional hierarchy of Police Communication Personnel of Technical /Operational Cadre and their linkage with Level Courses

PWO-III/PWT-III, PWO-II/PWT-II, PWO-I/PWT-I, PWCC-AL and ACSM Courses are promotional courses for the promotion to the rank of Head constable, Assistant Sub-Inspector, Sub-Inspector, Inspector and Dy. SP respectively.

### Eligibility criteria of Gradation Courses of Operational Cadre and their linkage with Promotion



### Eligibility criteria of Gradation Courses of Technical Cadre and their linkage with Promotion







## 15. ELIGIBILITY FOR COURSES

In case, Organisation decides to migrate from Category-II to Category-I (i.e. merges Technical and Operational cadres into Common Communication Cadre), in such cases eligibility for doing common cadre courses of Category-I shall be as follows:

### a) PWCC-Level-II:

- i. Candidates who have completed Police Wireless Operator Grade-III (PWO-III) will have to undergo two weeks refresher course i.e. PWCC-LII (TRC) (Technical Refresher Course)
- ii. Candidates who have completed Police Wireless Technician Grade-III (PWT-III) will have to undergo two weeks refresher course i.e. PWCC-LII (ORC) (Operator Refresher Course)

### b) PWCC-Level-I: -

- i. Candidates who have completed Police Wireless Operator Grade-II (PWO-II) and 02 weeks refresher course i.e. PWCC-L1 (TRC) (Technical Refresher Course).
- ii. Candidates who have completed Police Wireless Technician Grade-II (PWT-II) and 02 weeks refresher course i.e. PWCC-L1 (ORC) (Operator Refresher Course).

### c) Refresher courses

- i. Syllabus of the two week refresher courses PWCC-LII (TRC), PWCC-LII (ORC), PWCC-L1 (TRC), PWCC-L1 (ORC) will be same as PWCC-L-II and PWCC-L1 except the topics will not covered in detail.
- ii. Refresher courses can be conducted at CPRTI New Delhi, Regional Police Wireless Training Institutes (RPWTIs) of DCPW and Training Institutes of other Central Police Organisations and States/UTs Police Organisations.

- d) Courses mentioned in Report are linked to promotion, however officers may be trained in these courses for enhancement and up-gradation of their knowledge also in exceptional cases on recommendation of Head of organization and approval of Director, DCPW.





## 16. EQUIVALENCY OF COURSES

Organizations have raised issues regarding the equivalency of Level courses and Gradation courses for Administrative reasons or for Promotion purpose due to old Recruitment Rules of organization.

Hence, the equivalency amongst various Level courses and Gradation courses for Promotion / Administrative purposes are defined as follows

- I. PWCC-L-III Course equivalent to PWO-III and PWT-III course.
- II. PWCC-L-II Course equivalent to PWO-II and PWT-II course.
- III. PWCC-L-I Course equivalent to PWO-I and PWT-I course.