

**National Informatics Centre
Tamil Nadu State Centre
Chennai**

Information System on Prisoners

1. Introduction

The prison software namely '**Information System on Prisoners**' (ISP) was designed and developed for **the Prison Department, Tamil Nadu** by **National Informatics Centre (NIC), Tamil Nadu State Centre, Chennai**. It covers the **core functions** of a prison performed by the Remission Section of the prison. It is useful for both performing the day-to-day routine jobs as well as for providing appropriate information for the administration at different levels including District Collector, District Police Office, Courts, the Prison Headquarters, etc. It is implemented in 9 Central Prisons and 3 Special Prisons for Women in Tamil Nadu.

2. Core Functions

The core functions of a prison covered by the ISP are the following:

- ***Admission of Prisoners***
- ***Production of Remand / UnderTrial Prisoners in Courts for hearing***
- ***Maintenance of History Ticket for Convict Prisoners***
- ***Remission & Release Date Calculation for Convict Prisoners***
- ***Detention of Detenue / Civil Prisoners***
- ***Disposal of Prisoners and***
- ***Lockup Calculation.***

Information System on Prisoners - [Prisoner's General Information]

Data Update Queries Reports Administration Others Windows Exit

Other Nos. Special Remarks Categorize

PRISONER'S GENERAL INFORMATION

Remand Detenue
Convict Civil
Appeal Disposal

Reg. No. RE/24498/2005 All Cases ACP History Ticket

Name VINOTH @ MAHADHEVAN Alias

Father / Husband's Name SAMINATHAN Agitation Prisoner?

Admission Personal Address & Relation Others Prev. Conviction Children

Date of Admission 12/04/2005 Admission Type D

Transfer Details

Prison Transferred From

Reg. No. in the Last Prison

Reason for Transfer

3. Data Requirements

The data requirements for carrying out the different functions of a prison are captured at different stages and include the following:

- **Prisoners' Personal and Warrant Details on Admission:** Personal Details include details like name, address, date of admission etc. and Warrant details include the court and the crime details like police station, crime number, laws and sections, sentence for convict prisoners, etc.
- **Hearing / Trial Details** of Remand / Under Trials for Court Production (In Person / Over VC / Prisoners Court within the Prison) include details like hearing date, escort / production date, reason for non-production, return date, etc.
- **History Ticket Details** of Convict Prisoners: It includes Work Details, Remission Details, Punishment Details, etc.

- **Work Details** describes what type of work a convict prisoner has done during the imprisonment period. The type of work includes Industry/Office, Convict Warders, Overseers, Night Watchman, Nursing Orderlies, General Service, Out Gang, etc. The type of **Remissions** include Work Remission, Good Conduct Remission, IG's / SP's Discretionary Remission, Blood Donation, Vasectomy, etc. **Punishments** include Privilege Cut – Interview, Letter, etc., Forfeiture / Exclusion from Remission, Change of Labour, Separate / Cellular Confinement, Handcuff Imposition, Formal Warning, etc.
- **Disposal Details** of all types of Prisoners and their warrants: It includes type of disposals like bail, release on completion of sentence, leave, hospitalization, death, escape, etc. and other details like disposal date, readmission date, warrant return date, etc.

4. Reports Generated

Specifically, a set of about 50 basic reports & queries with Multiple Optional Parameters can generate a few hundreds of queries and reports with suitable titles and layouts.

Some important reports include-

4.1. Prisoners Personal / Case Reports include the following:

1. Nominal Roll / Case Details
2. Name List
3. ID Card
4. Warrants/Cases List of all types
5. Category History
6. Complete Activity Report
7. Petitions
8. Statistical Reports like Age wise Report, Education wise Report, Skill wise Report, and Occupation wise Report etc.
9. List of Prisoners Not Yet Charge sheeted
10. District-wise, Court-wise, Age-wise, Qualification-wise, Occupation-wise Lists, etc.

4.2. Hearing Reports include the following:

1. Court Production List (In-Person, Over VC, Prisoners' Court)
2. Wireless Message
3. Not-Yet Escorted List, Escorted List, Not Escorted List
4. Returned List, Not Returned List
5. One-Day Many-Courts List
6. Summary Reports

4.3. Release Date/Remission Reports include the following:

1. Release Date & Remission Sheet of individual prisoners
2. List of Prisoners likely to be released during a period,
3. List of Prisoners completed a given period of sentence

4.4 Disposal Reports include the following:

1. Disposal Details for a given criteria like Disposal Type, Date, etc.
2. Court wise Disposals
3. Hospitalized Prisoners
4. Prisoners on Leave
5. Not-Returned after the due date
6. Bail List, etc.

4.5 History Ticket Reports include the following:

1. History Ticket with Work Details & Remissions
2. History Ticket with Punishments

4.6. Daily/Periodical Reports include the following:

1. Lockup and Unlockup Reports
2. Category wise Admission List
3. Category wise Disposal List
4. Category List

4.7. Queries include the following:

1. Alerts on existing Punishments, thus avoiding grant of privileges during the punishment period
2. Alert on Pending Warrants/Cases, thus avoiding wrong disposal of prisoners when disposed for a warrant/case but Additional Cases are still pending
3. Data Entry Checklist listing the possible errors of data integrity
4. Display of all kinds of data entered for a given set of criteria

5. Salient Features of the software

- Most notable feature of the software is the **Release Date / Remission Calculation (Projection)**. It may be noted here that Remission calculation is a complex process since it involves arriving at the release date of a convict prisoner after considering a lot of factors and parameters including the following-
 1. *Single/Multiple Convictions*
 2. *Concurrency/Consecutiveness within / across convictions*
 3. *Set-Off Period and Set-Off Remission*
 4. *At-Large Period (Bail, Leave, Escape, etc.)*
 5. *Fine Sentence*
 6. *Labour and Good Conduct Remission*
 7. *Change of Labour Grade*
 8. *Punishments*
 9. *SP's / IG's discretionary remission*
 10. *Govt. Special Remission*
 11. *Last Month Remission Adjustment*
- In comparison to manual system, it saves a lot on data entry and data maintenance by providing **bulk copying and group data entry** facilities.
- **Check List** to verify the integrity of the data

- **Biometric data** of fingerprints of prisoners can be stored and compared electronically for the identification of prisoners. The photos of prisoners taken with webcams can also be stored.
- A number of Queries / Reports with facility to specify different combinations of **Multiple Optional Parameters**.
- **Data Analytical Tool** for Analysis of any retrieved data after multiple optional parameters, enabling the end user to define Dimensions, Measures, Filters on measures, similar to cubes in OLAP applications.
- Comprehensive **Database Maintenance Tool**