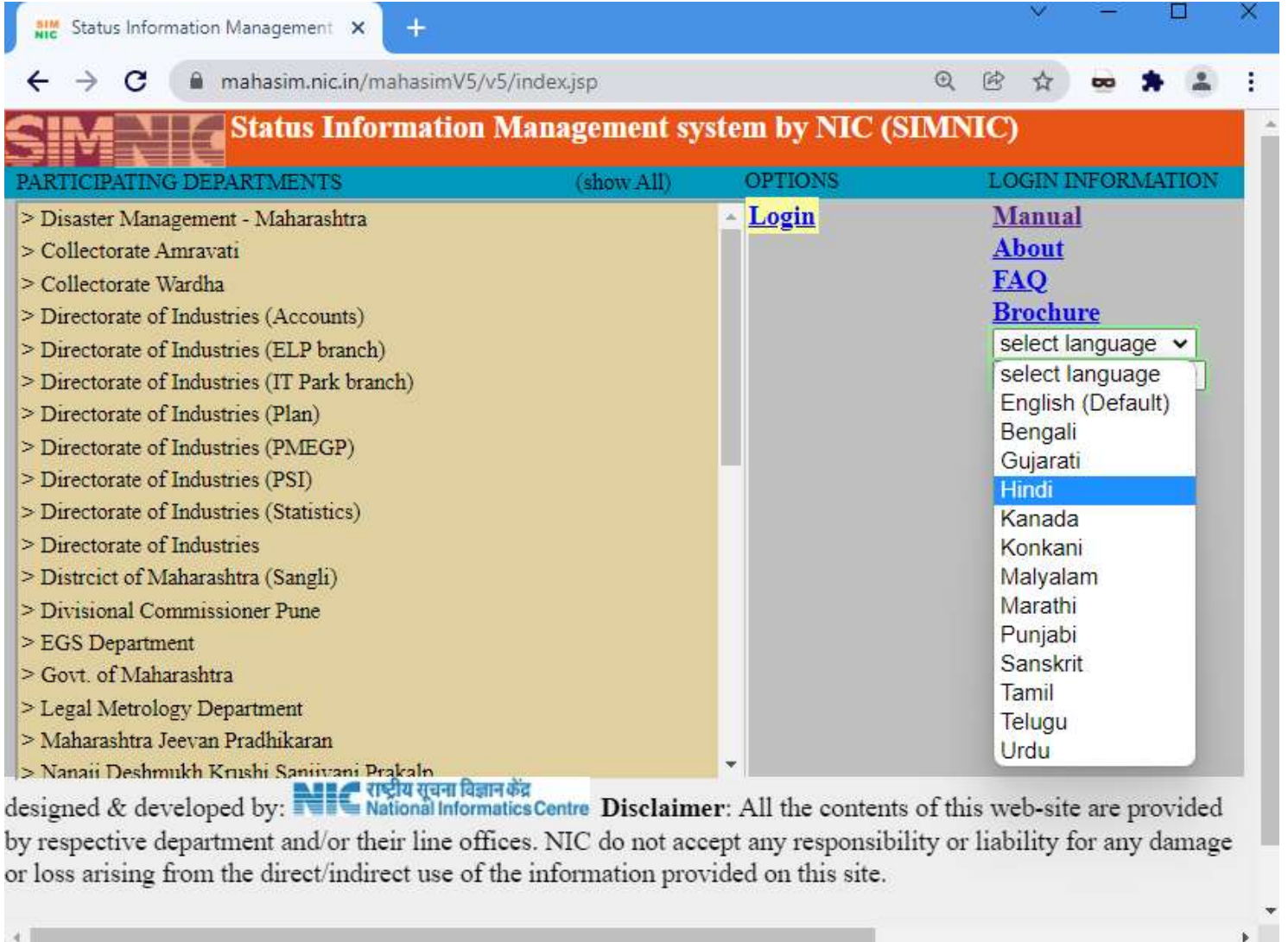# SIMNIC

स्थिति सूचना प्रबंधन प्रणाली द्वारा एनआईसी (सिमनीक)

Status Information Management system by NIC (SIMNIC)

**A web application for online collection of data
in dynamically created formats on the fly
from line offices of department on Internet**

A View of SIMNIC System

NATIONAL INFORMATICS CENTRE (NIC)
Ministry of Communications and Information Technology
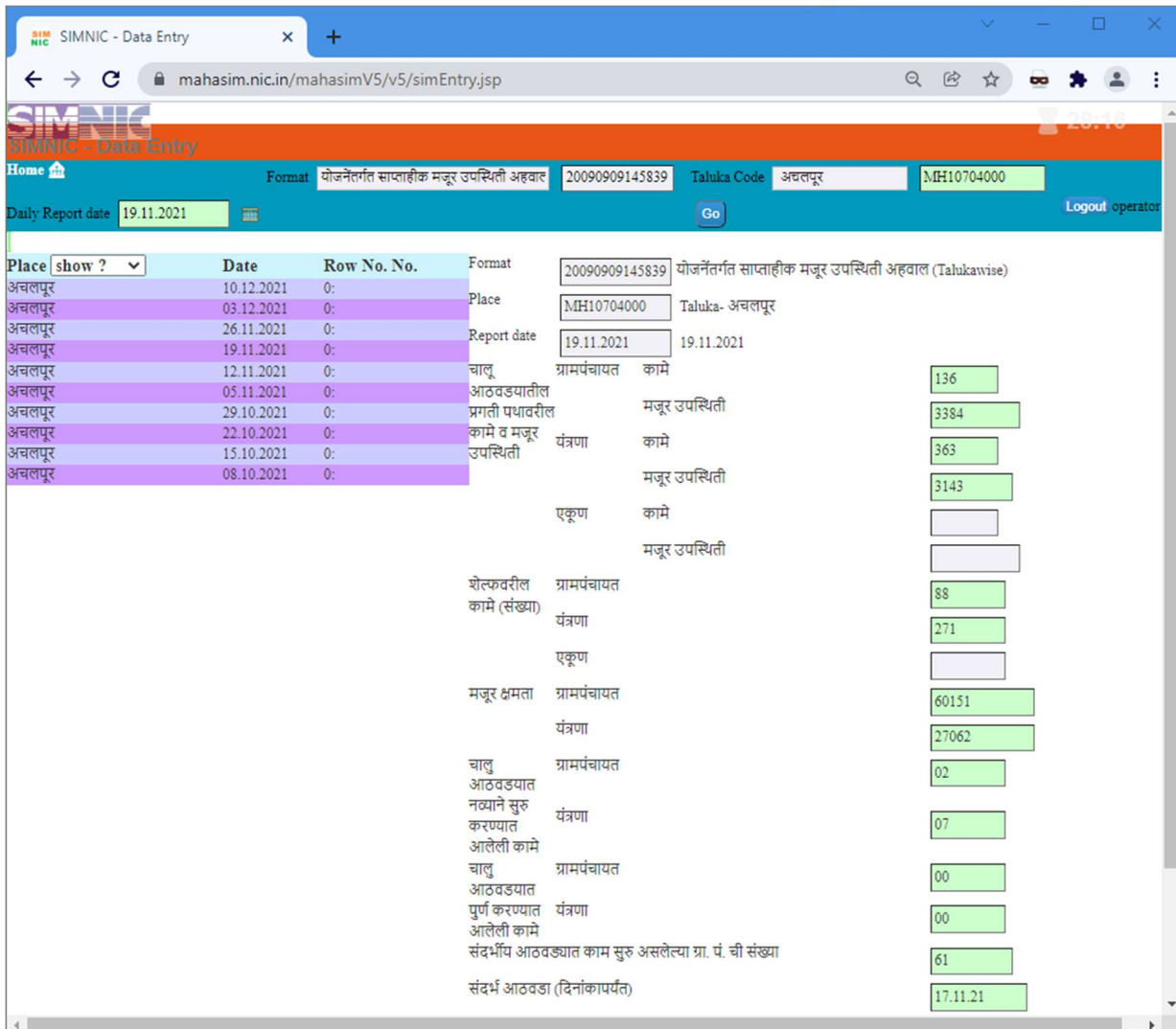Government of India

SIMNIC is a web-based application for data collection from line offices of Government departments at given frequency and given level.

Line Offices are coded as per their reporting hierarchy to uniquely identify the offices e.g. State /Division /District /Taluka /Village are levels. State Departments can generate reports for any level.

Frequency - Reports can be called for different frequency such as financial year, Quarterly, Monthly, Fortnightly, Weekly and Daily basis.

Computation of simple calculations in columns is also possible in SIMNIC, thus avoiding human errors. Only basic data needs to be entered/collected.

Password scheme is built for one format can be applied to similar formats of same reporting structure thereby avoiding multiple passwords.

Sample Input Screen

Stakeholder

All Ministries / departments of Central / State Governments which require collection of information in prescribed formats from line offices of their departments for effective decision making.

Objectives

To facilitate in creation of data collection Formats on line in very easy steps.

To create single window framework for collection of data. To improve data collection methodology.
To make previous data available to end user.
To prevent unauthorised changes in original data.

To provide mobile app to see the entered data.

Functions

Creation of Formats including defining columns and rows.

Setting time limit for data entry.

Assignment of passwords to users in line offices.
Collection/Compilation/Analysis and Query of Data.

Features

Web enabled system for on line submission of data.
Based on state of the art software technology.
User friendly and easy to use.
Well defined access control.

Technology & Computing Environment

SIMNIC is hostd in MeghRaj cloud of NIC at National Data Centre, New Delhi.
Linux Operating System and MySql Database System.
J2EE, XML, JSP, DHTML and JavaScript.
Unicode & API with JSON.

A view of Sample SIMNIC Report

Road ahead

- Analysis of Previous data.
- Generation of custom report.
- GIS

Benefits

- Collection of Data from line offices in electronic form at the root level.
- Elimination of incorrect/ambiguous data sent on paper media.
- Round the clock availability of the SIMNIC System.
- Reduction of filling of cumulative/previous figures.
- Uniformity in screen layouts make end user comfortable for data entry.
- Timely collection of information for decision support.
- Search of information at various levels.
- SIMNIC System supports all languages available in Unicode.

A View of SIMNIC System in Hindi