

Data Warehousing for Women & Child Development Department, Govt. of Orissa

Right based universal coverage of social welfare, social security and nutrition service is the responsibility upon the State to ensure its achievement. Women and Child Development Department is the nodal department for formulating plans for the development and welfare as well as entitlement aspects including safety and security of beneficiaries. These target beneficiaries comprise of Children (0-6 years), children in the primary school, adolescent girls, persons with disability, women, widows, pregnant women and lactating mothers, old, infirm and destitute in the state. Development of useful indicators existence of reliable data & dissemination of available evidence are critical first steps in policy formulation & implementation.



#3, CSM Complex, STPI,
Priyadarshini Market,
CRPF Square, Bhubaneswar,
Pin :751013, Orissa.

Business Challenge

Right based universal coverage of social welfare, social security and nutrition service is the responsibility upon the State to ensure its achievement. Women and Child Development Department is the nodal department for formulating plans for the development and welfare as well as entitlement aspects including safety and security of beneficiaries. These target beneficiaries comprise of Children (0-6 years), children in the primary school, adolescent girls, persons with disability, women, widows, pregnant women and lactating mothers, old, infirm and destitute in the state. Development of useful indicators existence of reliable data & dissemination of available evidence are critical first steps in policy formulation & implementation. Objective to develop application software (Online Tracking System) of all beneficiaries namely all Women & Children in the State with valuable indicators; this will be useful for the department to track & monitor the achievements. This information would be subsequently disseminated on the web.

Solution

In WCD department the last entity of the demographical structure is Anganwadi Centers (AWC) which is situated in the villages, hence the children are tagged to AWC's. So we need to code the AWC centers with a unique code and tag it to respective villages. After giving a unique code to the AWCs, each and every child will be tagged to that code of AWCs, so that we can get Anganwadi center wise beneficiary's details.

Project e-Pragati will be executed in two phases. In the first phase information related to every Anganwadi Centers in the state and codes them with a unique AMIS code. This AMIS code will be the unique identification of the particular Anganwadi center and will be used in later date to update or get information of the center.

The Anganwadi codes for the available Anganwadi centers are already done but at the same time it is predicted that some centers might have missed. In that case the new Anganwadi centre data shall be updated in the state office and given them a unique code before the information of the particular Anganwadi center is updated.

Project e-Pragati: Part 1

The AWC codification will be done in part I of the project Pragati before collection of additional data of beneficiaries for SNP and MDM monitoring

- Creating unique AMIS (Anganwadi Management Information System) code for each and every Anganwadi center.
- Collection of structural and physical details of each and every Anganwadi center.
- Creating unique AMIS (Anganwadi Management Information System) code for each and every Anganwadi center.

Project e-Pragati: Part 2

The second stage of Project Pragati is to integrate the Anganwadi details with the e-Sishu database. Project e-Sishu has the database of 0-14 years of children. The children data are segregated in to pre, in and out-of-school groups. WCD will use the children data of age group 0-3 years for SNP scheme, 4-5year children data for pre-school activities and 6-14 years children data for MDM scheme.

In the second stage of the project, the child data (0-5 years) will be tagged to the Anganwadi. At first the children data of age group 0-5 years will be transferred to the WCD database. Then the format will be generated and sent to the district office. The district users can also download the formats will child name, household details, age etc. The AWW will fill up the Anganwadi MIS (AMIS) code for each child in a particular village. Those data will be updated at the district office and data will be consolidated at the state office.

Results

Authentic data of

- Infrastructure details of Anganwadis
- Details of Anganwadi Karmee and staff
- Details of Pre-School and out -school children in the entire state by name
- Details of in-schools children in each school for Mid-day meal Programme.
- Monthly Stock updates in each school for MDM scheme.



At CSM, we understand the critical nature of keeping the customer's organization up and running from an IT perspective. We understand the technical issues within complex systems and work to put together the best solution to support end users' needs, both today and in the future.

Cybertech Software and Multimedia (P) Ltd.,
#3, CSM Complex, Software Technology Parks of India(STPI),
Priyadarshini Market, CRPF Square, Bhubaneswar,
Dist: Khurda, Pin :751013, Orissa.
Phone No. +91674-2561462
Email. Sales@csmpl.com