

## Education management system for the state of Jharkhand

The **Jharkhand Education Project Council (JEPC)** required a complete web based **Education Management System** to achieve the objective of **Sarva Shiksha Abhiyan (SSA)**.

SSA is a comprehensive and integrated flagship program of **Government of India**, to attain **Universal Elementary Education (UEE)** in the country in a mission mode. **The Sarva Shiksha Abhiyan** is being implemented by the JEPC in all the **22 districts of Jharkhand**.

### ► Business Profile

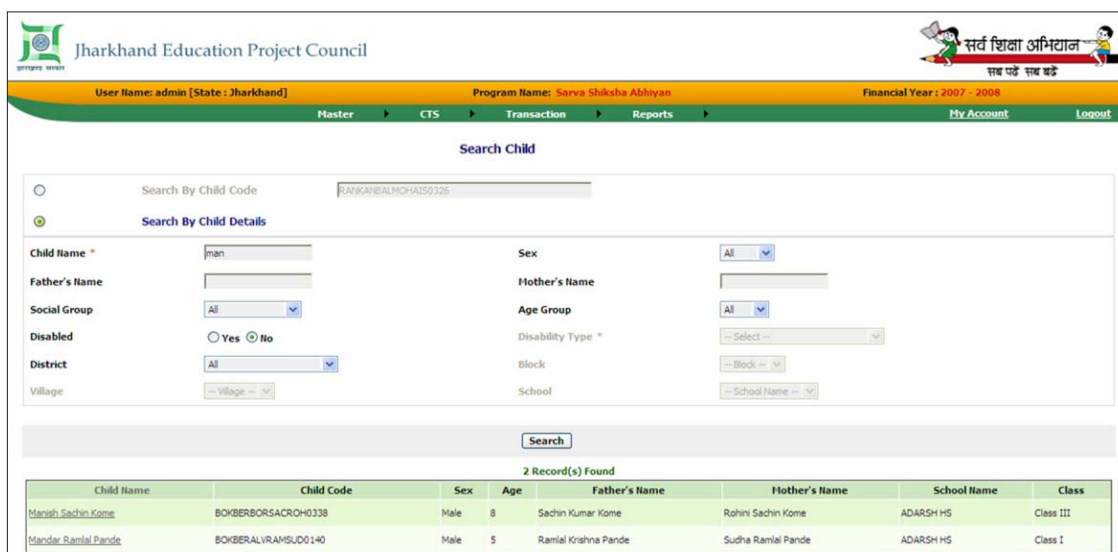
The application software provides a centralized system i.e., centralized processing and database with facility for decentralized input and output. This approach has been planned keeping in view variety of factors like integrity of data, shared access, security, reduced data redundancy, reliability/availability of stored information, consistency of data, maintenance, upgradeability and ease of audit.

### ► Industry

Education

### ► Location

Ranchi, State of Jharkhand  
India



**Jharkhand Education Project Council**

User name: admin [State : Jharkhand] Program name: Sarva Shiksha Abhiyan Financial Year : 2007 - 2008

Master CTS Transaction Reports My Account Logout

**Search Child**

Search By Child Code: BARKANBALMOHAIS0326

Search By Child Details

Child Name: Man  
Father's Name: \_\_\_\_\_  
Social Group: All  
Disabled:  Yes  No  
District: All  
Village: \_\_\_\_\_  
Sex: All  
Mother's Name: \_\_\_\_\_  
Age Group: All  
Disability Type: -- Select --  
Block: -- Block --  
School: -- School Name --

2 Record(s) Found

Child Name	Child Code	Sex	Age	Father's Name	Mother's Name	School Name	Class
Manish Sachin Kome	BOKBERBORSACROH0338	Male	8	Sachin Kumar Kome	Rohini Sachin Kome	ADARSH HS	Class III
Mandar Ramlal Pande	BOKBERALVRAMSUDO140	Male	5	Ramlal Krishna Pande	Sudha Ramlal Pande	ADARSH HS	Class I

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### ► Application Summary

The application solution includes Project Monitoring System for weekly progress monitoring in terms of financial and physical achievement with respect to the target, including financial, civil works etc. A Child Tracking System which identifies children and gathers information of education status of 0-14 age group children.

**The project is executed in three phases:**

- **System Analysis and Designing**

Phase 1 is where the systems analysis and designing is involved. The effort will provide a blue print of the scope of the project where in business processes, business rules, system integration, data security, software / database architecture will be clearly laid down. The outcome of this phase is the Software Requirement Specification (SRS), Software Design Document (SDS) and the project's timeline detailed schedule.

- **Development & Implementation**

Phase 2 of the project is development and implementation. During this phase the entire development, unit testing, module-wise testing, integrated testing and implementation at the client side is done. This will ensure effective usage of the application, prevention of defects, speedy corrective actions to meet the objective of defect free delivery.

- **Training**

Phase 3, training includes user training on usage of application. The training is conducted on "Train the Trainers" approach, which eases the process and also is very cost effective to the customer.

### ► Benefits

The application contains various analytical reports which are generated at various level viz. district, regional, state and central. These reports would help the authorities to take corrective measures. Some reports are listed below:

District / State Summary Report  
Monthly / Quarterly / Yearly Progress Report  
Scheme wise / Activity wise / Intervention wise Report  
Target vs. Achievement report of each district  
Income and Expenditure Report of SPO (State Project Office) and Districts  
Child dropout / never enrolled / school wise enrolled / block wise school detail reports