

GENERAL ELECTION MANAGEMENT SYSTEM (GEMS)

Web Based Interactive Election Monitoring System for State Election Commission, West Bengal

West Bengal State Election Commission is vested with superintendence, direction and control of the entire process for conducting elections to the Local Government viz. Panchayat Elections and Municipal Elections in the State. For that the Commission wanted to develop an interactive portal for conducting the Panchayat General Election in the state with provisions for activities of Election Commission in pre-poll, polling and counting phases making the activities of the Commission transparent.

West Bengal Electronics Industry Development Corporation Limited, popularly known as Webel was entrusted with the responsibility for developing, implementing and maintaining such an portal.

Webel has developed and implemented the unique solution for Election Management during Panchayat General Election 2013 and two Municipal General Elections in 2014. The system was designed to be installed and run from either the client's or Webel's web server, which can be accessed from any location through Internet.

The targeted users of the web based EMS portal were the employees of Office of the State Election Commissioner, West Bengal and its subordinate offices. Super Administrator was given a backend control panel for doing all the Administrative Job. Designated Admin Staffs were meant to have backend access for limited modules as defined by the Super Admin. Users at DEO/SDO/RO/BDO level were given limited access to enter data under their jurisdiction from the office of the respective Returning Officers and allowed to generate limited reports required for office of the DEO/SDO/RO/BDO.

PROJECT SCOPE

- Customization and Development of interactive web based Election Management System (EMS)
- Maintenance of the Software.
- Training of personnel in use of web application
- Implementation & roll out of the project

WEBEL arranged extensive training to all users at every district for lower level as well for the higher level officials.

On the Election Day, Webel officials were all through present in the control room to ensure smooth operation of the portal.

For Press and Media, a separate room was arranged with a giant screen which displayed continuous updates received from different polling booths.



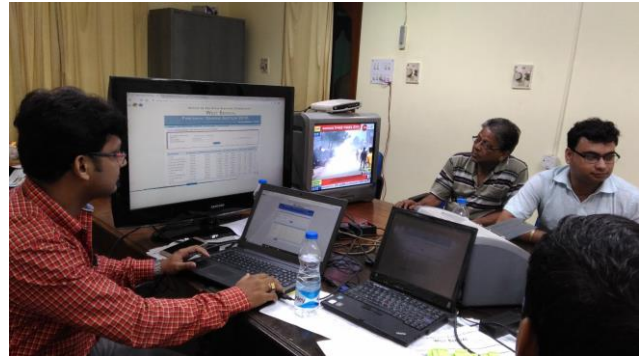
Training at District level



Training at District level



The Control Room



The Control Room



The Press / Media Room



The Press / Media Room