Eastern Railway: Asansol Division
Electrical Operation Department

INNOVATION: Digital Electric Training Center

Electrical operation department Asansol has conceptualized the concept of Digital ETC through different software named " e- registration , Smart Classes, Computer based Test (CBT)," wherein software automatically a summary of trainees with leave particulars, Hostel Leave, duration at ETC, ZRTI , Examiner, Result generated at the time of spare. When a trainee reported at ETC for training he will register himself at E-registration system. This way ETC shall have all the required records of Candidate like division, lobby, designation, blood group etc. During training the trainee will have access to interactive smart class and where he can learn all the technical courses through pictures, videos, internet etc. If he face any problem he can again access the past lessons and can check his progress through class test from CBT. After training, trainee gets the spare letter through e- registration system. This way the whole process training has been digitalized and this shall certainly improve the training quality pertained.

The following features are being facilitated in:

1. E-Registration System

a) Trainees can register with all his particulars like name, fathers name, hobby, blood group, qualification, phone number, email etc. with the help of this KIOSK.
b) Administrative login is available for filling up different data like name of instructor duration of batches, examiner, date of examination, result, % of marks, leave particulars etc.
c) A data of trainee's particulars with name of instructor, course, batch number, will be saved in the hard disk.
d) A summary of trainees with Leave particulars, Hostel Leave, duration at ETC, ZRTI, examiner, result etc. may be generated and will be available at the time of spare.
e) Digital copy of spare letter may be generated and sent to concerned lobby/division with all the relevant particulars with digital signature of sparing authority.
f) A data bank can be made in soft form with the help of this software

2. SMART CLASSES

a) At the time of training the trainee will have access to interactive smart class and where he can learn all the technical courses through pictures , videos, internet etc.
b) Candidates easily can access the past lessons

3. CBT: COMPUTER BASED TEST

OBJECTCTIVES

a) Online Examination will reduce the hectic job of assessing the answers given by the candidate manually.
b) Being an integrated online examination system will reduce paper work.
c) Random generation of test question.
d) Store online history.

FEATURES

Time Saver, System user friendly, Auto Grading, Security provided in both admin & users, Only multiple type questions are provided.

EXAM MODULE

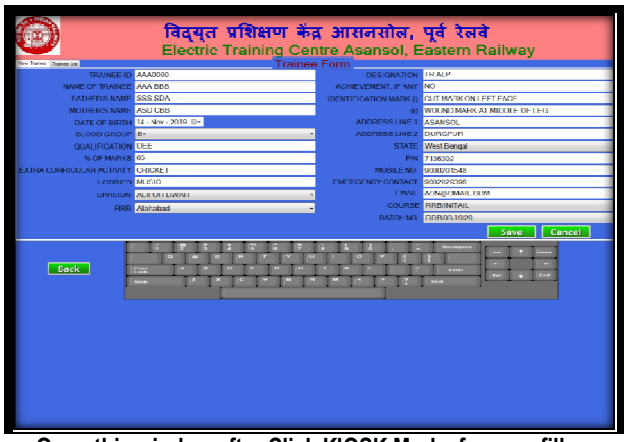
Login into Online Examination System, Attend Test, Submit Test, View Result

4. E-SPARING

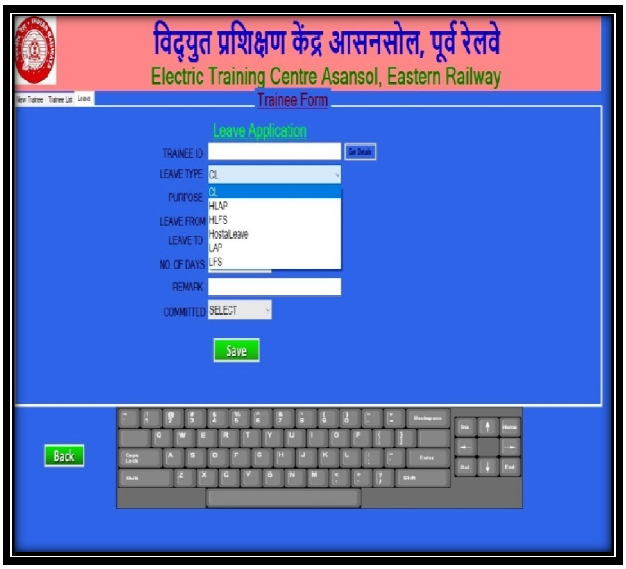
This module will generate spare letters including the result required to spare trainees to their respective HQ. This module will send spare letters to respect HQ through e-mail. This will save papers.



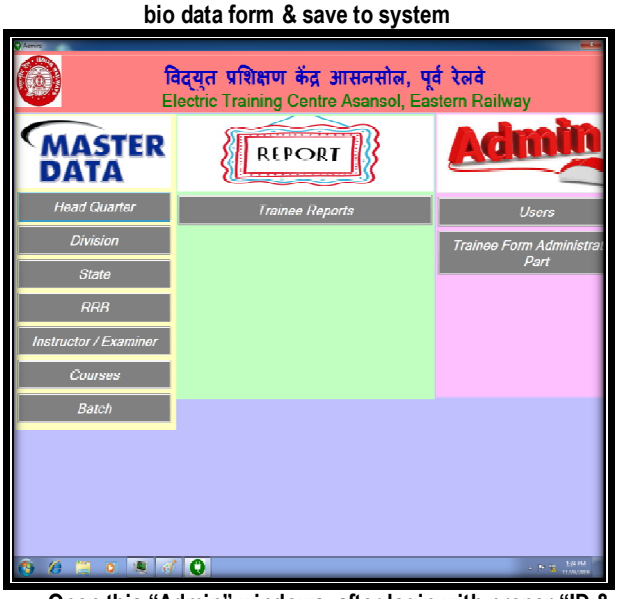
Front View



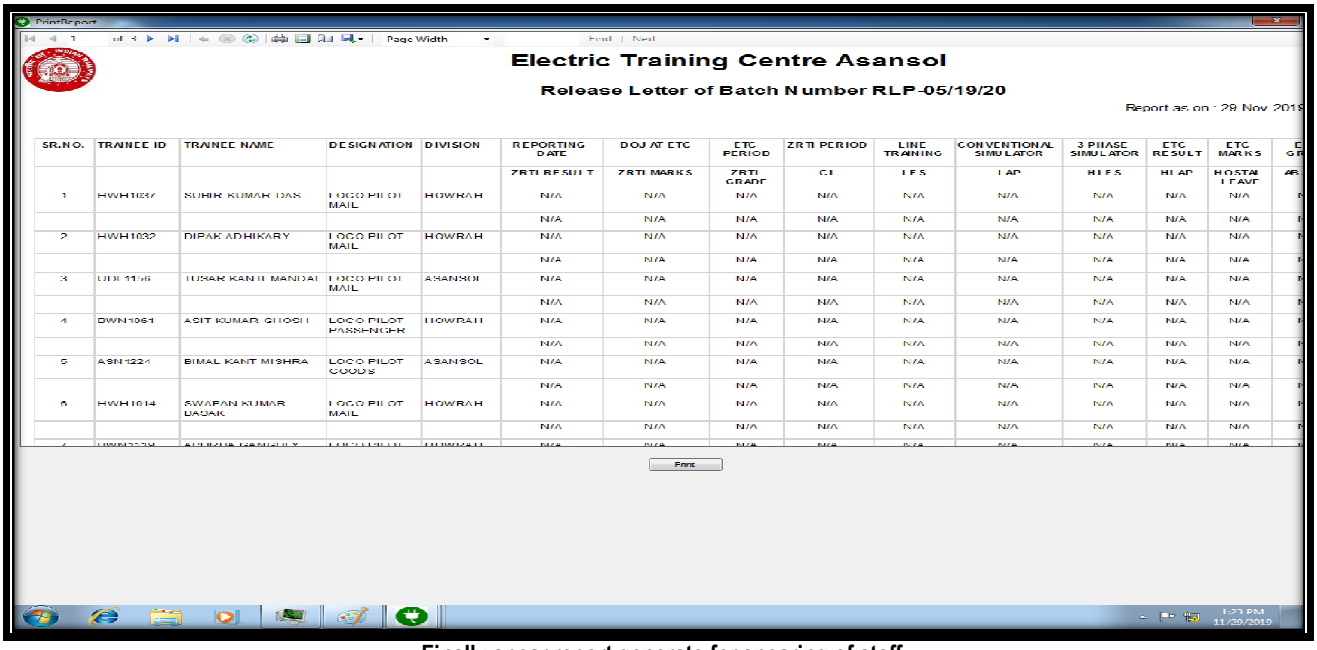
Open this window after Click KIOSK Mode for user fill up bio data form & save to system



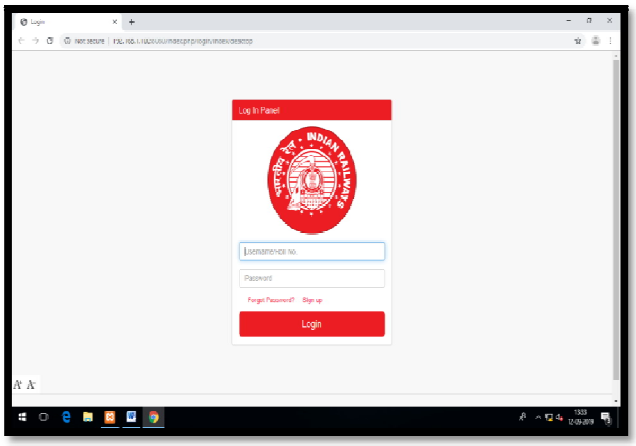
Open this windows after click "Leave" for user fill up leave form



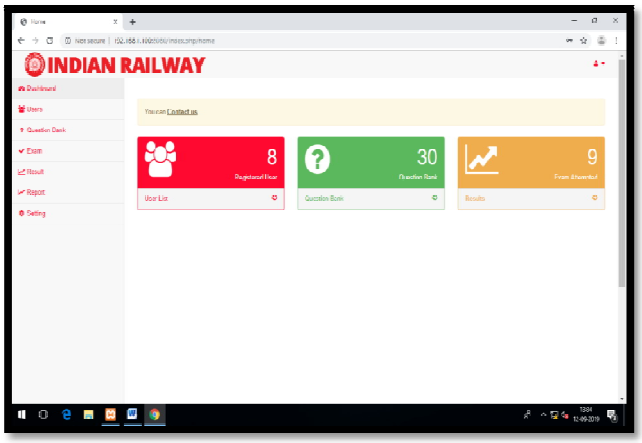
Open this "Admin" windows after login with proper "ID & Pass ward" input by admin side



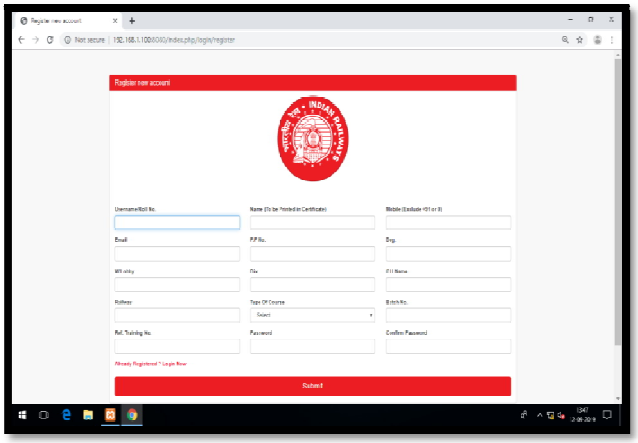
Finally spear report generate for spearing of staff



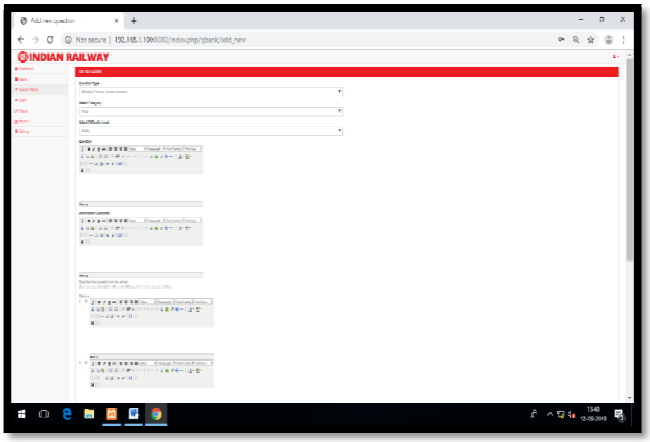
User & Admin log in page



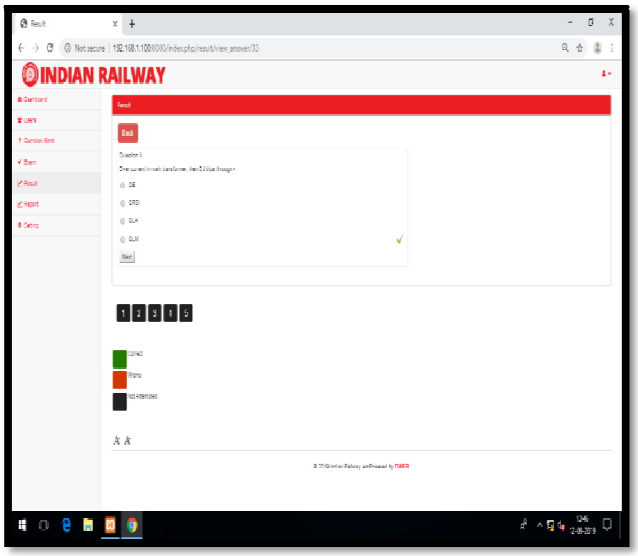
Admin “Dashboard”



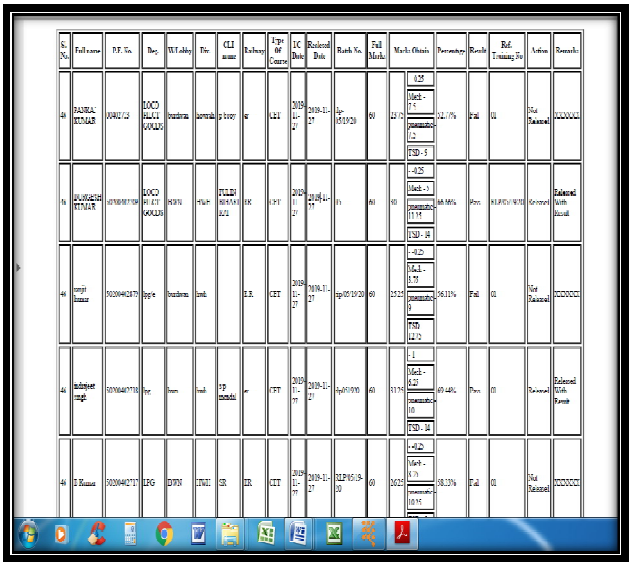
User “ID & Password" generation form



Question Setup Window



Exam window



Report Window