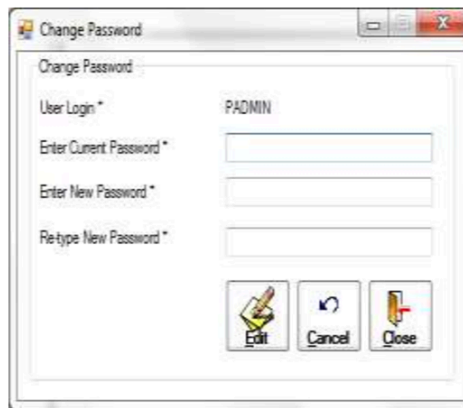## ONLINE/OFFLINE EXAMINATION MANAGEMENT SOFTWARE
☺ Help Line for Pre & Post Examination Activities☺
* Student Registration Activity   * Pre-Examination Activity   * Post Examination Activities

REIL has introduced **"Open School Examination Management System (OSEMS)"** covers computerization of the online/offline activities performed during Student Registration, Pre-examination & Post-examination activities. The software package is designed to deal with the tasks associated with Secondary and Sr. Secondary Examination section. In order to extend maximum benefit to the users and ensure optimal use of the Computer, an integral yet modular system approach is envisaged. This system intent to provide simplified offline application software to creates master data of student and generation of various reports. The software will have feature to generate online daily/monthly/yearly/EC/District/AI wise reports.

Process flow of Examination

The work of Secondary and Sr. Secondary examination job is governed by the procedures, practices and associated rulings on the matter. On initiative of the REIL, the job is automated through computerization in different phases.

The total solution including computerization is conceived, designed, developed and customized for the Institution examination activities.
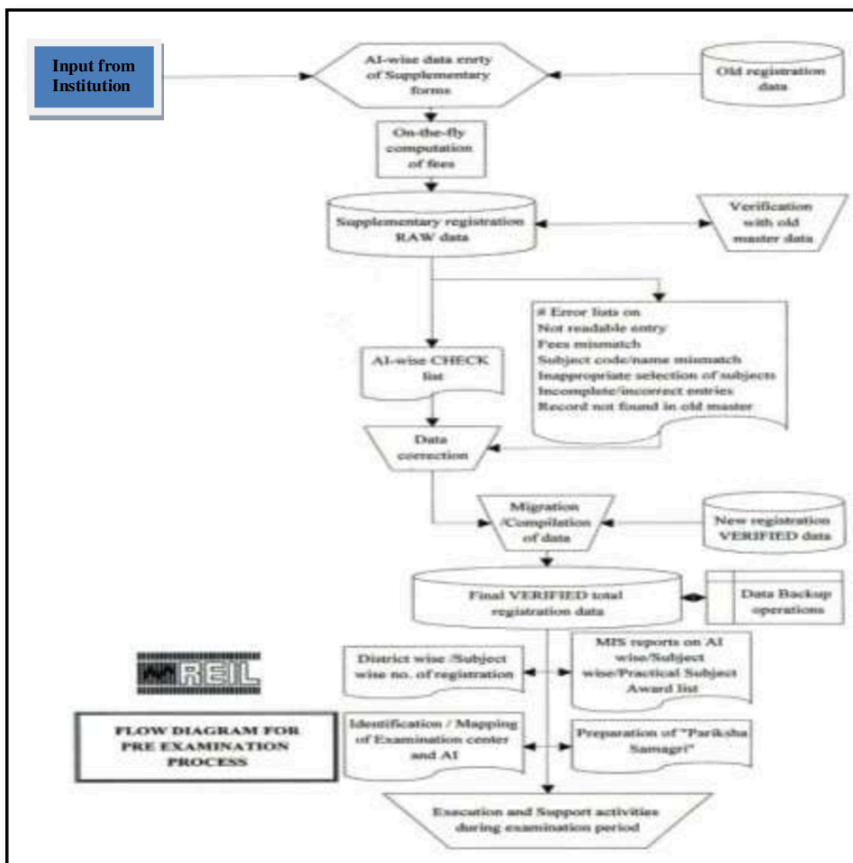
In order to prevent any unauthorized use of system, the Login window is introduced right on invoking the application. If user having correct credentials then system allows him to use the system according to their assigned privileges assigned by system administrator. Only authorized person shall have complete access of the application software, database, queries and the reports. The administrator can view all the content of the application software.

This package has consists of three major sections or process, Student registration process, Pre-Examination process and Post Examination process. These three sections covers the complete functional activities related to both Secondary and Sr. Secondary board examination twice in a year. There are various reports and deliverables at different stages has been generated by software for smooth execution of following activities:

1. **Student Registration Process: -** It covers the student registration process, form validations, Fees calculation, Transfer of Credit (TOC) marks and various output reports generated from this section.

2. **Pre – Examination Process: -** It covers the examination section related process, examination form validations, Fees calculation, center notification, preparation of examination material and various output reports generated from this section.

3. **Post – Examination Process:-** It covers the post examination section related activities, result preparation, printing of mark sheets, migration certificates and various secrecy work related reports.

REIL   *Shaping Rural India*
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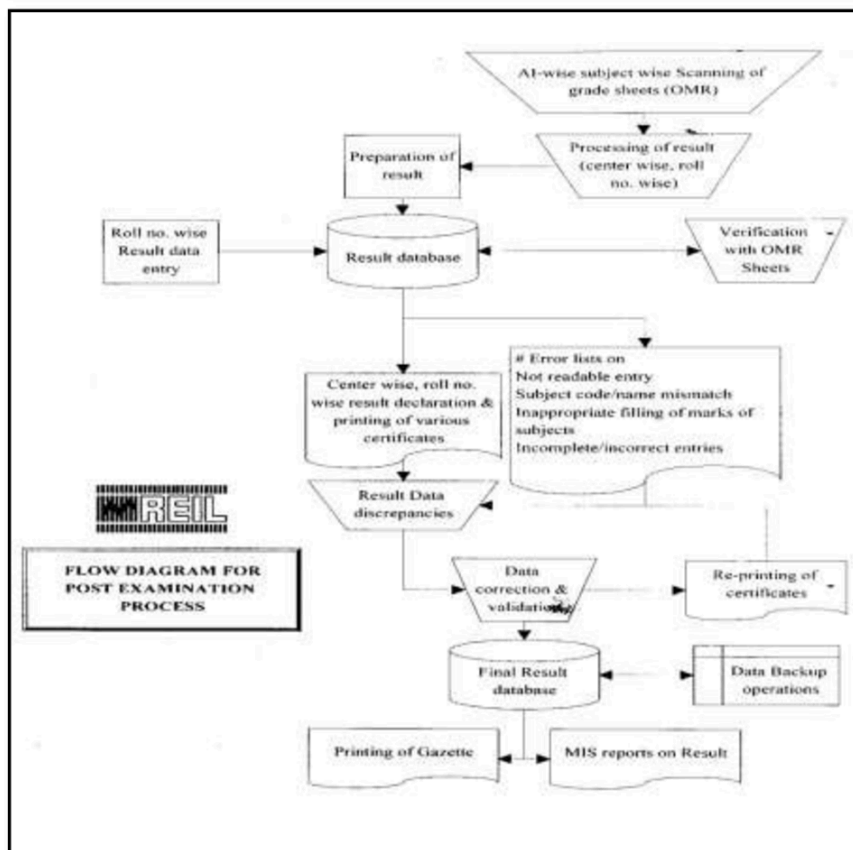**FLOW DIAGRAM FOR PRE EXAMINATION PROCESS**

Pre-Examination Process:-

After completion of registration process of new enrollments, the pre examination sections is preparing the supplementary student data as per the forms received from different AI centers. The data from new enrollment and supplementary examination are compiled for the final student registration count. The pre-examination section prepares the AI wise, Subject wise and district wise total registered students count report. Examination section prepares the examination centers at different locations. Following are the major reports prepared by this section

Examination Center (EC):
- EC wise Nominal Roll
- EC wise Subject wise Attendance
- EC wise Subject wise List
- EC wise photo attendance sheet
- EC wise Practical Award List

Accredited Institution:
- AI wise Nominal Roll
- AI wise Hall Ticket
- AI wise Satrank OMR Sheet

FLOW DIAGRAM FOR POST EXAMINATION PROCESS

Post Examination Process:-

The post examination section deals with the post examination activities. This section covers the generation of Secrecy code, fictitious center code, scanning of OMR sheet, preparation of results and printing of mark sheet certificates, migration certificates.

Following activities and printing of reports are involved in the result processing of examinations conducted twice a year of Secondary and Senior Secondary separately:

- Punching, Scanning and verifications of award lists (Practical & Theory): computerized/hand written.
- Punching, Scanning and verifications of award lists.
- Conversion of scanned data in Database format.
- Providing of sticker sheets with fictitious number
- Printing of fictitious Roll Number on OMR Sheet, Centre Wise & Subject Wise.
- Printing Summary of Subject Wise/Centre Wise OMR Foil No.
- Result Processing Activities

S. No.	Report Section	Report Name
1	Academic Section (New Registration Activity)	Student Registration Checklist
2		Student Registration with error only Checklist
3		TOC marks Checklist
4		TOC Marks Conversion Checklist
5		Student Registration correction Checklist
6		Student Registration FEES Calculation Checklist
7		Student Registration FEES Difference Checklist
8		Student Registration AI wise Consolidated FEES Calculation Checklist
9		AI wise Student Rejection List due to minimum Age criteria
10		AI wise Student Rejection List due to 10th board passing year
11		Supplementary Exam Checklist
12	Examination Section (Pre-Examination Activity)	Examination Centre Wise Subject wise Student Registration for 10th
13		Examination Centre Wise Subject wise Student Registration for 12th
14		AI Wise Subject wise Student Registration Consolidated
15		AI wise Big Strength Statement
		Examination Material for Exam. Centre :
16		Centre wise Nominal Roll Statement
17		Centre wise Signature Attendance Roll Statement
18		Centre wise Signature Attendance Roll with Photo Statement
19		Subject Wise Roll
20		Subject Wise Practical Award Sheet (OMR)
21		Subject Wise Theory Award Sheet (OMR)
23		AI wise Student Hall Tickets
24	Secrecy Section (Post-Examination Activity)	Examination Centre with Fictitious Code
25		Examination Centre wise Fictitious Roll No. of Registered Students
26		Examination Centre Fictitious Roll No. wise Subject wise Registered Students
27		Examination Centre Fictitious Roll No. wise Subject wise Registered Students [Sticker Sheet]
28		Subject Wise Theory Award Sheet (OMR)
29	M&M Section (Post-Examination Activity)	Mark Sheet Statement with Certificate
30		Migration cum Transfer Certificate
31		Marks Sheet Statement
32		Gazette Statement [STR] for AI
33		Gazette Statement [STR] for Institution
34		District wise AI wise PASS & FAIL Student list

Student Registration Checklist

Student Photo Attendance List

AI wise Student Hall Tickets

Gazette Statement