

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution

IT integration and reforms made in the examination procedures and processes are:

1) Examination Management Systems(EMS)

Examination Management System (EMS) has been developed in-house. This EMS is password protected and server based system. It is not connected to internet and cloud hence there no possibility of this system being hacked. Following functionalities are available in the EMS:

1. Add the courses structure in the application
2. Collect Students Data from Student section for allotment of the Courses.
3. Feeding or import the Marks of In Semester Evaluations (ISE) / Unit Tests (UT) and End Semester Examinations (ESE) and generate the mark sheets which are then verified by the concerned course teachers.
4. Collect "XX" (students is assigned an "XX" grade when student fails to complete the academic requirements due to poor attendance or poor performance in the academic assessments) student list from the Academic Development Committee and feed the same into the Software.
5. Generate Exam Form and Hall Tickets (Entry Tickets) for the End Semester Examinations.
6. Create Seating arrangement and generate Students Attendance report for Theory and/or Practical and oral examinations.
7. Masking Code generation for the masking of students answer books before assessment. This ensures that student's identity is not disclosed during to the assessor of the answer books.
8. When assessment of the answer books is over bitwise marks are entered into the system.
9. When marks of all the courses are entered results are processed.
10. Similar to the regular exams Re-Exam, Re-registered students exams and Make up exams can be added to the system and all the above steps can be applied to these exams.
11. Provision has been made in the system for students to apply for Re-Exam via both Online and Offline mode
12. Correlating the courses from the pre-revised curriculum with Equivalent courses in the revised curriculum.
13. When all results are processed following reports can be generated from the system:
 - a. Result ledgers.
 - b. Semester Grade Point Average (SGPA) of each student.
 - c. Semester Grade Point Average (SGPA) of each student.
 - d. Print pass/fail summary.
 - e. Print the grade cards
 - f. Print the official transcripts.
 - g. Generate the reports on course wise distribution of grades.



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Rajarambapu Institute of Techno

172.22.11.5/Js/Login/Default.aspx

RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR EXAMINATION (AUTONOMOUS)

Home Page: User ID: JAGD Ref.: 172.22.11.14

Home Master Registration Pre-Exam Post Examination Reevaluation Exam Form Printing

- Exam Application Forms
- Exam Summary / Name List
- Generation Hall Tickets
- Hall Ticket Printing
- Attendance Sheet (TH/PR) : Blank MarkList
- ISE Marks Entry
- MSE Marks Entry
- Project Marks Entry
- ISE / MSE / ESE (Practical) Subjectwise Mark List Printing
- ESE Practical Exam Marks Entry
- Exam Form not filled / Detained Details
- Exam Schedule (Exam Time Table)
- Equivalence Course Allotment
- New Result Processing

RTT Admin Hit Count : 1

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Rajarambapu Institute of Techno

172.22.11.5/Js/DivisionWiseMarkListEntry/frm_HomePage/DivisionWise.aspx

Home

Data Entry Reports

ISE Marks Entry

UT1 Marks Entry

UT2 Marks Entry

(UT1 - UT2) / RSE Marks Entry

ESE Practical Marks Entry

ESE Marks Entry

Upload MCQ Marks

Ranking

Equivalence Course Allotment

Upload ISE, UT1, UT2 Marks

Delete Duplicate Marks Entry

Attendance Sheet

Exam Summary Hall Ticket

ISE, UT1, UT2 Marks Printing

Result Processing & Analysis

Reports

Show SPI CPI

Upload ESE Marks

All Result Processing

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172.22.11.5/LogIn/Default.aspx

RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR EXAMINATION (AUTONOMOUS)

Home | Master | Registration | Pre-Exam | **Post Examination** | Revaluation | Exam Form Printing

- Absent Details Entry
- Attendance Sheet (TH/PR) - Blank MarkList
- Masking Code Generation
- ESE Marks Entry
- Data Verification / Course Structure
- Reports & Result Analysis
- Generation of Merit and Award List
- Generation of Statistical Reports
- Miscellaneous Reports
- ESE Marks Entry (QuestionWise)
- Submit ESE Marks Bundleswise
- Result Declaration Date

RLT Admin Hit Count - 2

172.22.11.5/LogIn/Default.aspx

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10:45 AM 06-Feb-22

You are signed in as 405685 x Rajarambapu Institute of Techno x Fed: UT-1 of Direct admistr x Result Analysis (Average CPI) x Downloads

172.22.11.5/ExamProcessing/frm_ResultAnalysis_AverageCPI.aspx

Result Analysis (Average CPI)

Exam Type: 1. Regular Exam

Academic Year: 2021-2022

Session: 0069 - PG Diploma ESE / Jan-2022

Class: 0000 - All

Branch: 0000 - All

Exam No:

Only Pass Students

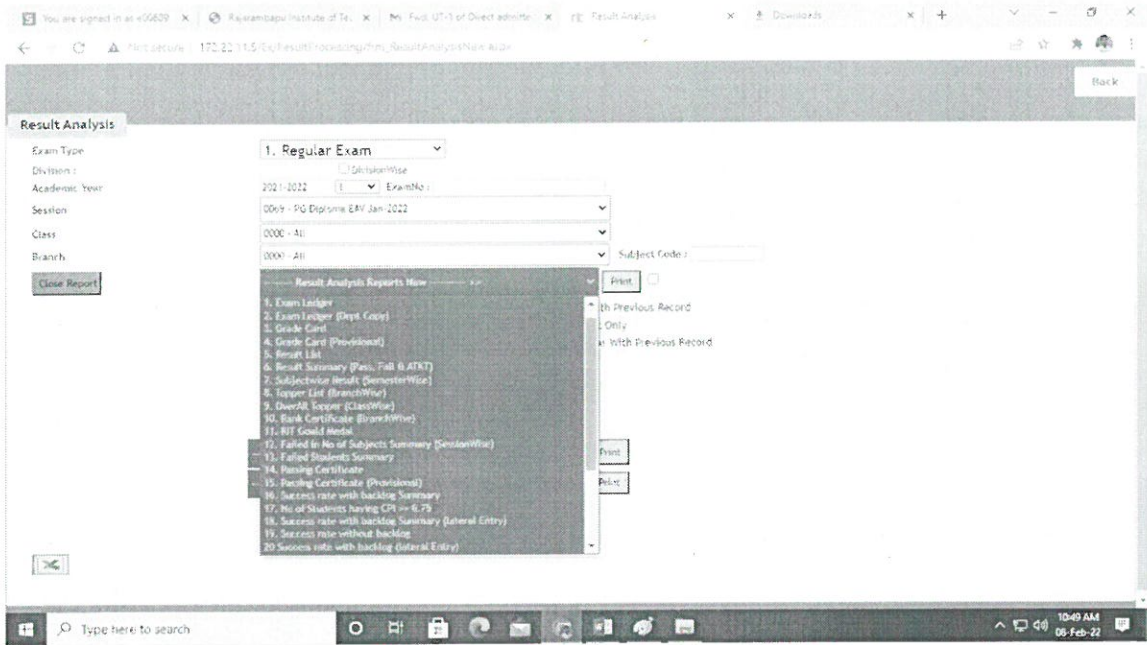
Average CPI:

Print List

Type here to search

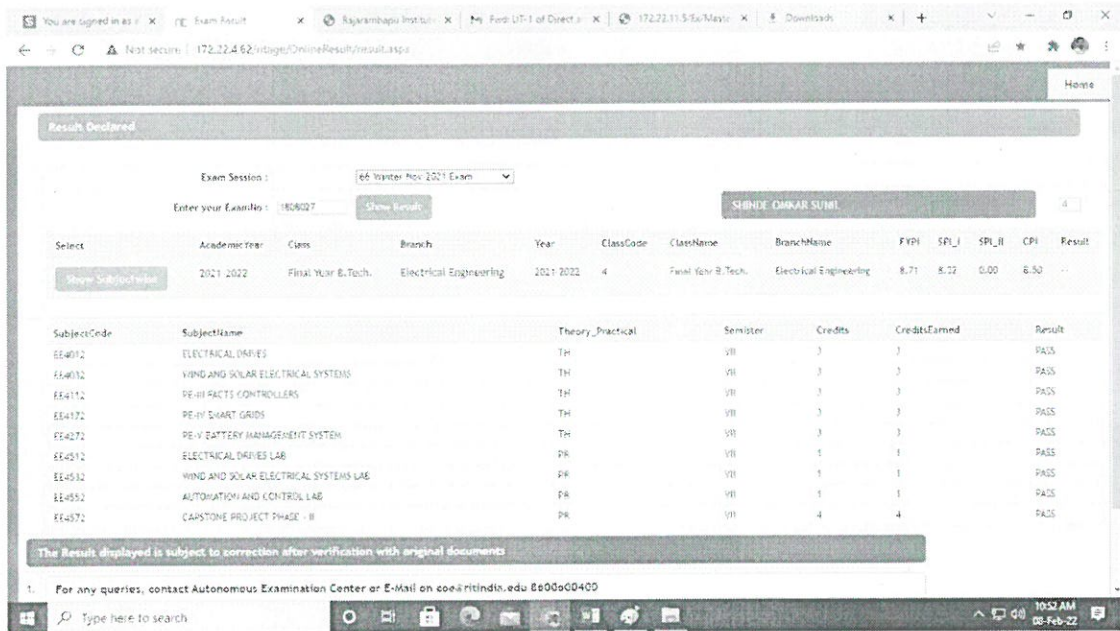
10:49 AM 06-Feb-22





Exam Result Link:--

<http://172.22.4.62/ritage/OnlineResult/result.aspx>



Institute has subscribed to the Online Examination Platform of SHL. This platform is used to conduct the online examinations of any type like a) Multiple Choice Questions (MCQs).

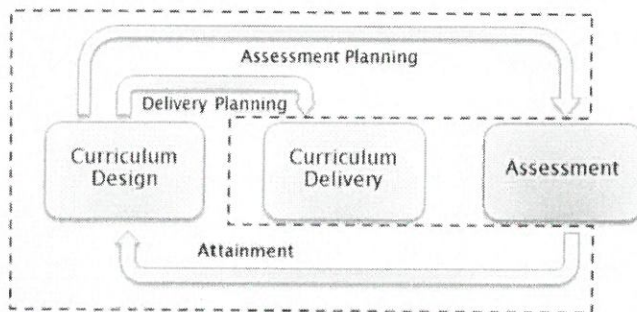
All the exams of courses on Computer Programming Languages, courses using the CAD softwares like Engineering Graphics, Machine drawing etc. are conducted in an online mode only.

Institute has subscribed to the IonCudos software of IonIdea, Bangalore. This software is used for implementation of Outcomes Based education (OBE) implementation. Some of the functionalities available in this software are:

- Calculation of attainment of Course Outcomes (COs).
- Calculation of attainment of Program Outcomes (POs).
- Calculation of weightages of the questions in the question paper as per Bloom's Taxonomy etc.

Curriculum Management System in IonCudos:

Curriculum management system has three sub-systems. Curriculum Management System focuses on the first sub-system, Curriculum design. It provides seamless integration inputs to the other two sub-systems i.e delivery planning for Curriculum Delivery and assessment planning for Assessment. Scope of IonCUDOS© is outlined with the dotted line in the above figure. It needs the Assessment result as input for generating the attainment reports that helps to fine tune the present Curricula and also improve the future Curricula of Institution.



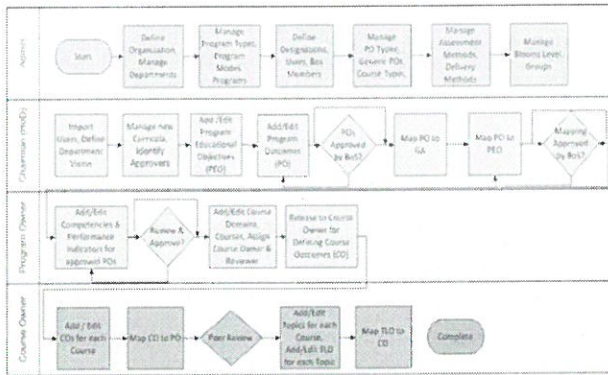
Functions of the course owner in IonCudos:

The challenges faced at the Course Owner level:

- To set topic level outcome and bloom's level.
- To map topic outcomes to Course Outcomes for delivering Program Outcomes.
- To adopt delivery methods and to employ assessment methods for assessing the effectiveness of the delivery.
- To overcome the preoccupancy in the volume of data and rigor of mapping.

Curriculum Design Workflow in IonCudos:



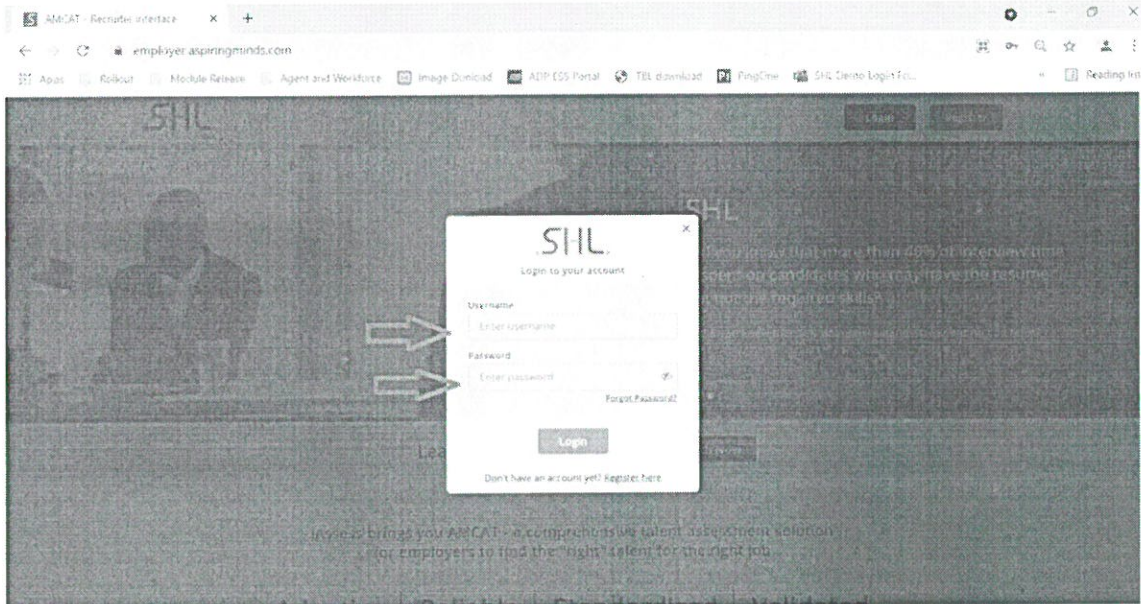


2) Online Examination Systems (SHL Platform)

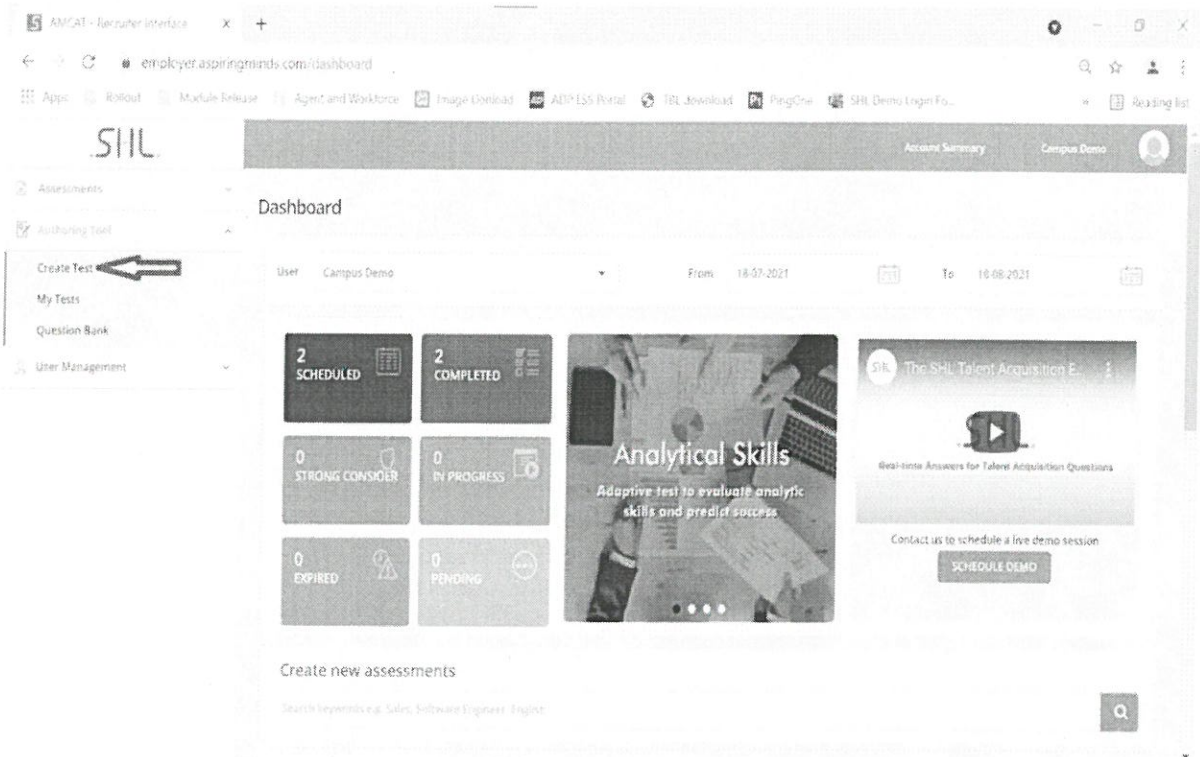
Proof of SHL Platform

1. Open the given link.

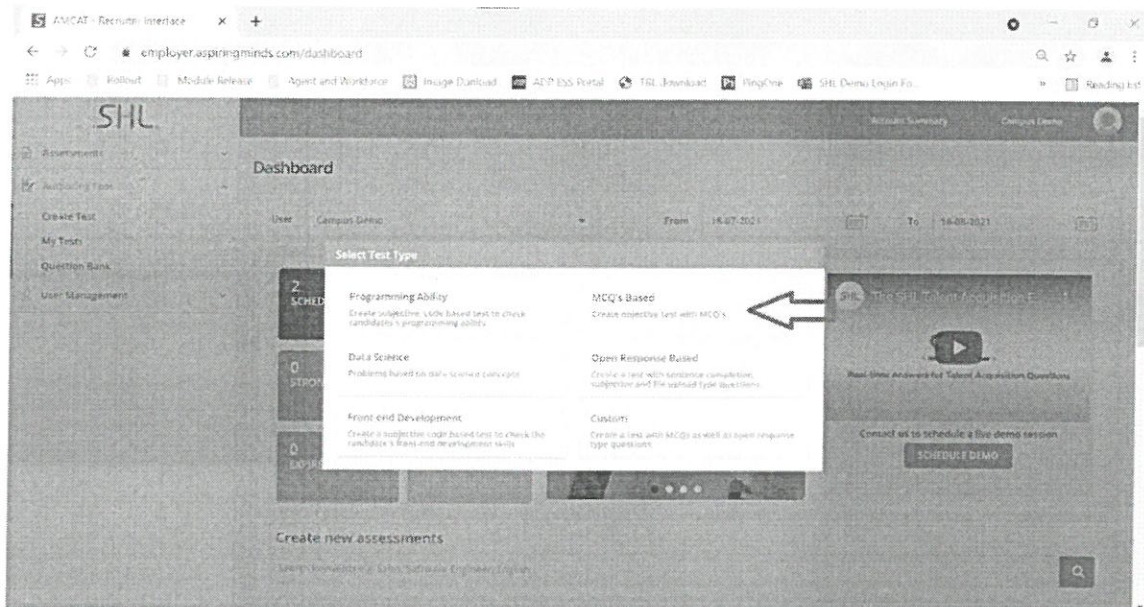
Link - <https://employer.aspiringminds.com/>



2. Three options will appear on choosing the authoring tool, please select "create test" to create a new paper.



3. Six options will appear, choose "MCQ's based".



4. Question categories after preparing the questions.

SIIL Account Summary Campus Demo

Create Test

Test Details

Name* Enter test name

Text Language* English

Competencies* Type and add competencies

Test Duration* 0 min

Question Categories Questions to deliver: 1 Max Score: 1

Note: A test category is a group of similar questions which randomly delivers a fixed number of questions to the candidates.

Category 1

Type of Question* Questions to deliver* Max score per question*

Single Correct 1 1

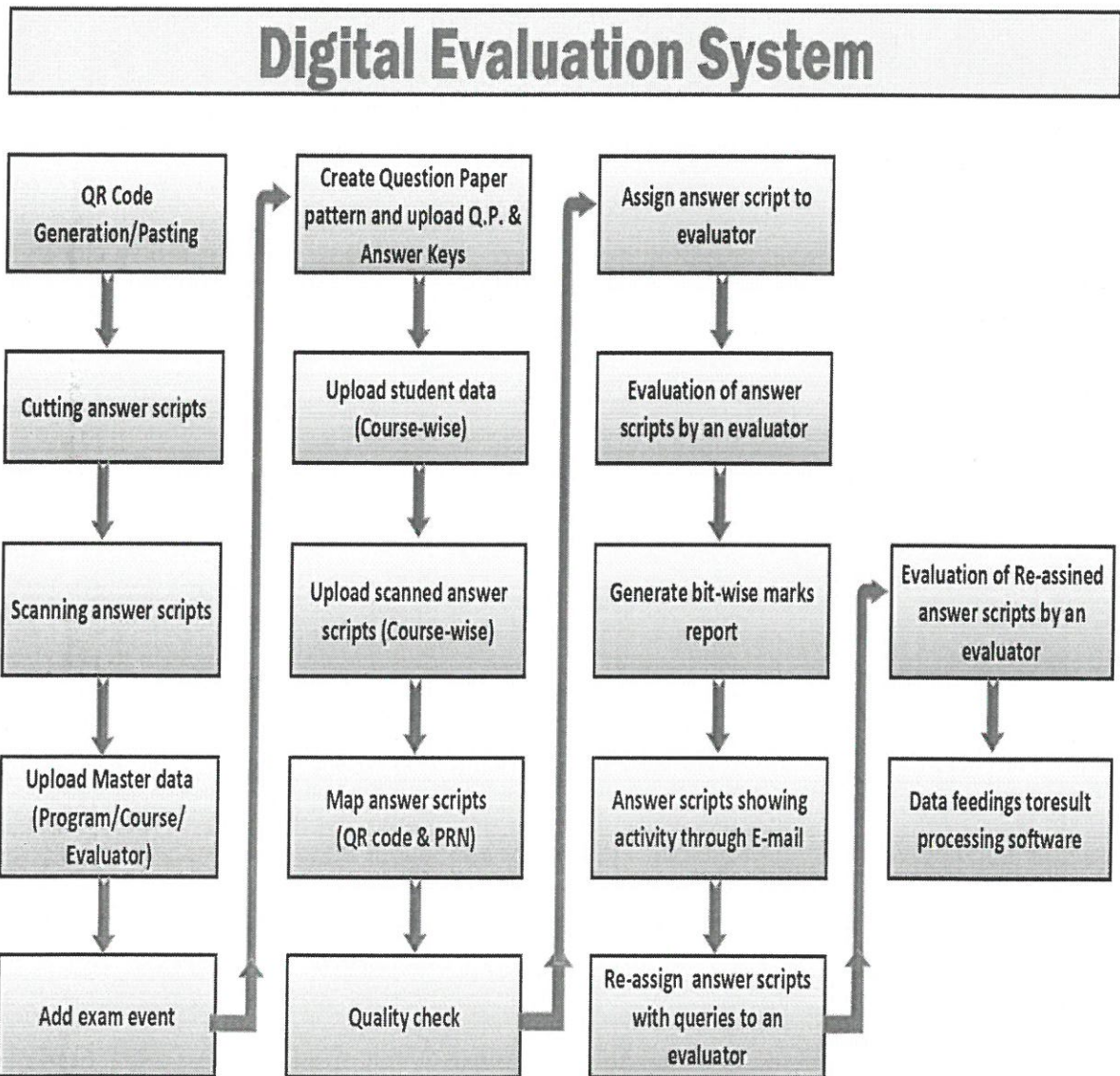
[Question 1 will be delivered from Category 1]

S. No.	Question Title	Tags	Difficulty	Action
No questions added yet				

Question set



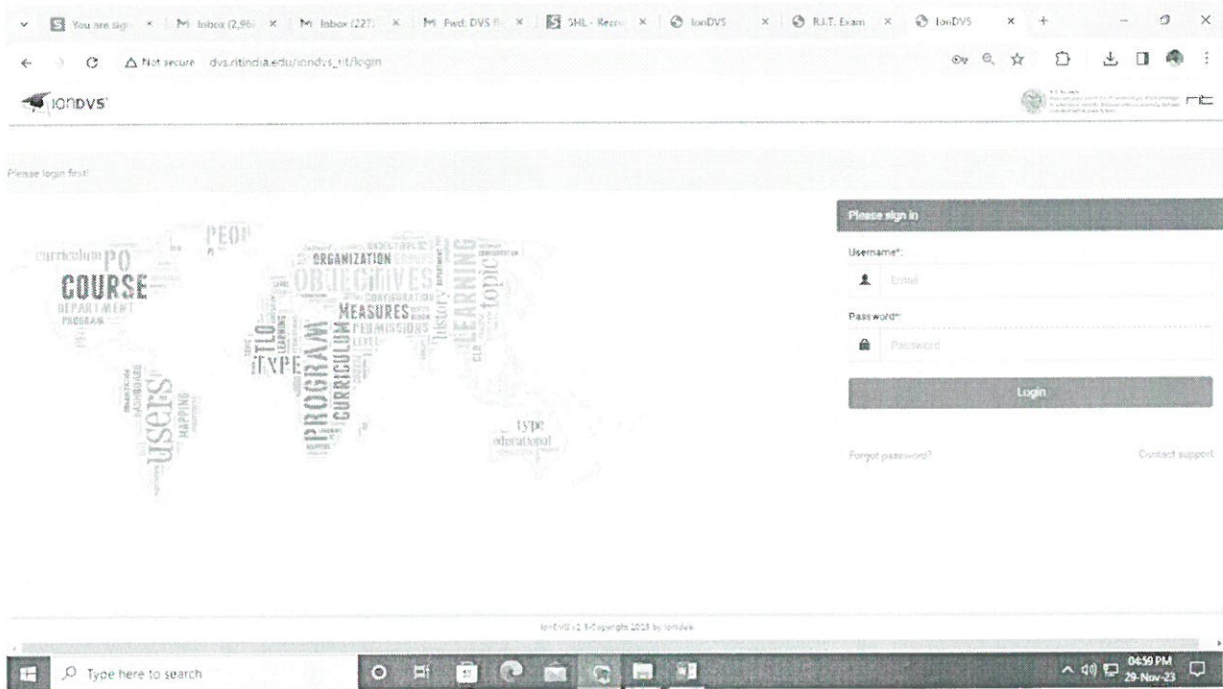
3) Digital Evaluation System (DVS)



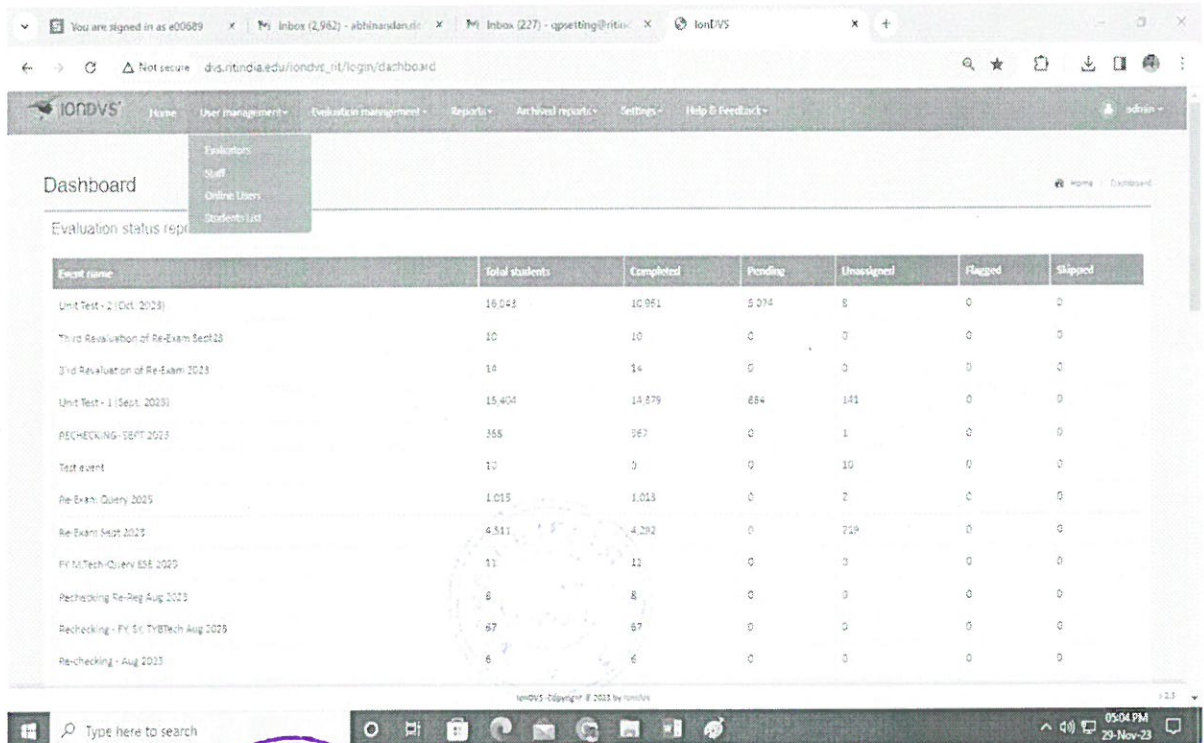
Proof of DVS Platform

1. Open the given link.

Link - http://dvs.ritindia.edu/iondvs_rit/login



2. User Management



3. Evaluation Management

The screenshot shows the IONDVS Evaluation Management dashboard. The main table displays the following data:

Event name	Total tasks	Completed	Pending	Unassigned	Flagged	Skipped
Unit Test - 2 (Oct 2023)	16,043	10,961	5,074	0	0	0
Third Revaluation of Re-Exam Sept23	10	10	0	0	0	0
3rd Revaluation of Re-Exam 2023	14	14	0	0	0	0
Unit Test - 1 (Sept. 2023)	15,404	14,379	864	141	0	0
RECHECKING- SEPT 2023	368	367	0	1	0	0
Test event	10	0	0	10	0	0
Re-Exam Query 2023	1,015	1,013	0	2	0	0
Re-Exam Sept 2023	4,311	4,292	0	219	0	0
FY M.Tech-Query EOE 2023	11	11	0	0	0	0
Rechecking Re-Peg Aug 2023	8	8	0	0	0	0
Rechecking - FY SV, TYETech Aug 2023	67	67	0	0	0	0
Re-checking - Aug 2023	6	6	0	0	0	0

The dropdown menu includes the following actions: Label answer scripts, Quality Check, Rough, View mapping status, View evaluator status, View exam status, Evaluate analysis, Lock marks, Remarks to the evaluator, Display script to student, and NA output evaluation status.

4. Reports

The screenshot shows the IONDVS Reports dashboard. The main table displays the following data:

Event name	Completed	Pending	Unassigned	Flagged	Skipped
Unit Test - 2 (Oct 2023)	10,961	5,074	0	0	0
Third Revaluation of Re-Exam Sept23	10	0	0	0	0
3rd Revaluation of Re-Exam 2023	14	0	0	0	0
Unit Test - 1 (Sept. 2023)	14,379	864	141	0	0
RECHECKING- SEPT 2023	367	0	1	0	0
Test event	0	0	10	0	0
Re-Exam Query 2023	1,013	0	2	0	0
Re-Exam Sept 2023	4,292	0	219	0	0
FY M.Tech-Query EOE 2023	11	0	0	0	0
Rechecking Re-Peg Aug 2023	8	0	0	0	0
Rechecking - FY DI, TYETech Aug 2023	67	0	0	0	0
Re-checking - Aug 2023	6	0	0	0	0

The dropdown menu includes the following actions: Export evaluation, Download evaluation script count, Daily marks report, Program-wise exam status, Course-wise exam status, Centralized view report, Script generation report, Evaluate report, Marked student report, Student view report, Program wise report, Evaluation-wise marks report, Third evaluation reports, Double evaluation status report, Coordinate information report, and Challenge Revaluation Report.



5. Settings

The screenshot shows the iONDVS dashboard with the following components:

- Navigation Bar:** Home, User management, Evaluation management, Reports, Archived reports, Settings, Help & Feedback.
- Dashboard:** Evaluation status report.
- Table:**

Event name	Total students	Unassigned	Flagged	Skipped
Unit Test - 2 (Oct 2023)	16,042	0	0	0
Third Reevaluation of Re-Exam Sept23	10	0	0	0
3rd Reevaluation of Re-Exam 2023	14	0	0	0
Unit Test - 1 (Sept 2023)	18,404	14,379	634	141
ADU-RE/UMG-SEPT 2023	346	367	0	1
Pen event	10	0	0	10
Re-Exam Query 2023	1,015	1,015	0	2
Re-Exam Seat 2023	4,311	4,202	0	119
PV/ArTech-Query ESE 2023	11	11	0	0
Rechecking - Ar Reg Aug 2023	8	8	0	3
Rechecking - P/Ar Tech Aug 2023	97	97	0	9
Rechecking - Aug 2023	6	6	0	0
- Settings Menu:**
 - Configuration settings
 - Upload marks data
 - Client settings
 - Create question paper without
 - Upload answer key / Question paper
 - Payment/contolation settings
 - Users of unlocking marks
 - Logs of evaluator Timelimit
 - Logs of password changes
 - Import question papers
 - Upload Students Email



Sparth
Controller of Examinations

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