digiMoolyankan has been designed by education experts to reflect the way that awarding bodies and evaluating staff want to work, speeding up the evaluation process while improving the consistency of results and all at a cost lower than traditional script processing methods. digiMoolyankan provides an extensive platform for evaluating pen and paper-based examinations on digital writing pads or computer screens. digiMoolyankan On-Screen Marking completely automates the marking and scoring of answer scripts into an accurate, simple, secure and efficient process. It conserves the advantages of pen and paper-based testing, while automating the whole evaluation and marking process.

With digiMoolyankan, the choice is yours. Use digiMoolyankan on-premises, in the cloud, or as a hybrid solution. Easy implementation and automatic updates allow educational institutions to improve efficiency and enjoy benefits from day one.

Key Features

1. Script Counting

► DigiMoolyankan script counting module advances the technique of rapid and efficient counting and batching of booklets with minimum human effort.

► DigiMoolyankan Convolutional Neural Network Deep Learning Techniques guaranties 100% Counting Accuracy.

► digiMoolyankan advanced machine vision & industrial QR code reader system delivers instant audit report of script count of students both present and absent.

2. Answer Script Digitization

► Answer scripts are scanned using high end scanners and uploaded into On-Screen Marking system for further processing.

► Data authenticity is better preserved using military grade digital encryption.

► All marked answer scripts are archived in Document Management System for long term preservation of the answer scripts in compliance with RTI.

► Archived answer scripts can be easily searched and retrieved online. As per the requirement, marked scripts can be made available to candidates immediately both in digital form and physical print outs for verification purpose.

3. On-Screen Marking

► Subjects, question papers and marking schemes are managed in a paperless environment.

► Administrator can configure and initiate practice and live marking sessions.

► Practice kit for training of examiners using actual sample of examination scripts.

► Random allocation of scripts to bring in uniformity in evaluations, enabling more reliable and bias-free corrections. Examiners mark allocated answer scripts using on-screen marking (OSM) software on computer screens within the stipulated time.

► Sample of marked answer scripts of examiner can be reviewed by supervising evaluators for quality purposes.

4. Dashboards

▶ Operational Dashboards

Provide a comprehensive snapshot of performance. Supervising examiners can monitor the progress of all the examiners in real time having a better control over the entire marking process.

▶ Analytical Dashboards

Use data from the past to identify trends that can influence future decision-making. Users should be able to interact with the data on an analytical dashboard, data gathered from marking can be used for analysis to gain deeper insights into performance.

▶ Strategic Dashboards

Track performance in relation to your key performance indicators, to better align actions with strategy.

5. Result Compilation

▶ Post completion of script checking, marks are readily available for preparing results in multiple formats.
▶ Results can be compiled in batches or selectively as per the needs of the educational institutions.

Benefits

Significant Cost Savings & Effort

Eliminates the need to send paper scripts to different evaluation centers and re-packing them after checking for sending to head office for further processing reducing logistics costs considerably.

Efficiency and Accuracy

Real time monitoring of answer scripts assures the total reduction of administrative errors that involve the wrong calculation of marks, un-evaluated queries and as a result, improper awarding of marks.

Ease and Convenience

This system is easy for all the stakeholders, as it replicates all manual procedures and gives benefits that are not offered in the manual examination method. Apart from the administrative ease, the complex processes of multiple marking, question-wise marking and managing evaluation process becomes hassle-free due to powerful automation and digitization.

Security

Transporting scripts back and forth from the examiners to the central hub is not as secure as having this information centrally stored with proper control over access. There is a chance of these scripts being lost in transit, not evaluated, mutilated or damaged. With digitization, many of these risks can be avoided – scripts no longer need be transported physically, thereby reducing the risk of loss. Additionally, digitization future proofs the scripts from being damaged beyond repair. The integrity of the original paper file can be maintained by BS10008 compliant scanning processes.

Risk mitigation and regulatory compliance

This solution provides the option of digital storage and handling of the scripts that reduces the risk of misplacement and misuse. The candidate's details are masked on screen, thus helping mitigate potential fraud. As the scripts can be archived and stored in digital form for a longer time, it becomes easy to respond to either legal or RTI requests. This creates transparency within the education ecosystem and reinforces the institution's reputation.