

## **Press Note on IntelliEXAMS**

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### **Universities can breathe easy now**

Technology makes exam related problems the thing of the past

The major problems faced by any university are to ensure to conduct examinations without any leakage of question papers, fool proof evaluation and provide tamper proof certificates. From the time the schedule of examination is announced and upto the declaration of results, the academic administrators go through a process which is the most critical and tiresome. Every university is keen to conduct the examination without any kind of trouble so that they dont have to cancel, reschedule or set new question papers due to leakage of question papers at any stage of the process. For the universities, this is a question of their reputation at stake.

At an average, two out of ten universities face the serious threat of either question paper leakage, leading to canceling of the scheduled examinations or face the ignominy of seeing their certificates being tampered with, by unscrupulous elements. Issues such as examination related malpractices are found very often but not disclosed in order maintain the sanctity of the university and the faith of the students. But is there any solution to such problems? There are few, but they have their own limitations. Can technology be effectively used to curb this problem forever?

The answer lies in adopting the technology which can provide end to end integrated solution for delivering question papers just half an hour before commencement of the examinations electronically evaluate the answer scripts and providing tamper proof certificates. This integrated system has been brought out by Mindlogicx Infratec Limited, a Bangalore based technology company specialized into providing integrated knowledge management services for universities and academic institutions. The software suite has modules that take care of the entire life cycle of the examination process, right from setting the question papers, delivering the question papers in encrypted format to the examination centres in a secured environment, electronically evaluate the answer scripts and finally provide a tamper proof certificate. The technology handles the entire examination management system to avoid such malpractices and tampering of certificates. The system has built-in code called Global Access code (GAC) by which the certificates are validated by global database assigned to each university or college. Each certificate is assigned an unique GAC and also contains electronic authentication embedded into the certificate. The technology enables the university administration to conduct both online and offline examinations in a highly secured environment and also provides authentication services to the certificates issued by the university.

The system manages the exam schedule effectively for each examination centers and prints the exam hall entry pass with multi-level verification processes including photograph of the candidates. IntelliEXAMS, which has a built in powerful and flexible reporting system, enables the user to view and analyze the results on demand. E-publication of the results is possible through the Examination Management System. This system also provides total certification traceability.

The company provides the services through their patent pending software suite called IntelliEXAMS under Managed Application Service (MAS), a concept fast catching up in the industry, by which the client need not have to invest on hardware, software, connectivity, back up and even disaster management. The university thus can concentrate on academic management, leaving the backend services to the company who have specialized into setting up such large projects under MAS framework. The company has recently signed up with one of the largest technical universities to implement the solution.

## Distributed Question Paper authoring and Question Paper Delivery

IntelliEXAMS has a web based authoring tool giving the convenience of having the best set of question papers in the shortest time possible. The question paper is set by a randomization process, encrypted, and then sent to remote examination centers, from where the authorized person uses his key to decrypt and then print using high speed printers. Hardware based authentications further ensure the whole process is highly secure and fool-proof. Reports are generated to know the details about examinations conducted, examination centre details, fee details, candidate details, cost and budget details etc.

## Examination management as e-Governance of university

As a part of the IntelliEXAMS framework, there is an examination management process that encompasses the management of examinations that are online or offline. It takes into account the attendance and regulations for the course and program and then verifies the fee payments made before the hall ticket generation can be allowed.

The system handles the complete life cycle of Examination Management which includes online registration of candidates, Examination fee management, internal mark uploading, hall ticket generation, question bank management, Question paper generation, automated evaluation process and up to the reporting of the results. This enables the university to adopt to e-governance framework for conducting the examinations.



The system is futuristic and scalable and can be deployed in universities, large corporate, banks etc for online examinations, common entrance examinations, mass recruitment and for conducting skills up-gradation tests.

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