

## **Mindlogicx implements India's first e-governance frame work for examination management system at Anna University Coimbatore**

Bangalore, December 15, 2008: Mindlogicx Infotech Ltd, an R & D based technology company pioneering in providing end-to-end solutions in virtual knowledge management and delivery domain, today announced the implementation of India's first integrated system for automating the entire life cycle of examination management at Anna University, Coimbatore. With this, Anna University would set a new benchmark in new age examination management system and drive knowledge revolution to its next level, while Mindlogicx by addressing the pain points of the university has ensured efficient & fool proof conduct of their examinations for both UG & PG courses. The project implemented for Anna University caters to about 75000 students and 110 colleges spread in eight districts of Tamilnadu wherein the University and the colleges are networked through VPN.

'IntelliEXAMS' the software suite of Mindlogicx would manage the examination process of Anna University by diligently handling the complete life cycle of their high stake examinations starting from online registration of candidates, online scheduling of examinations, examination fee management, internal mark uploading, online hall ticket generation, distributed authoring of question papers, secured question paper delivery, multiple digital evaluation, tracking of students performance & performance analysis to publishing of results and printing of mark sheets and certificates. The work flow system integrated in the system provides instant access to the university authorities for effectively managing the whole process in a scientific manner.

'IntelliEXAMS' framework built as a technology suite, provides solution to universities / institutions as Managed Application Service (MAS). It is a web based authoring tool that offers convenience & alacrity and at the same time its hardware based authentication ensures the whole process is highly secure / fool proof. The framework also has a process that encompasses the management of examinations that are online or offline. Further, the robust technology built by the company also enables IntelliEXAMS to provide authentication services to the certificates issued by the University through a value added tool called 'IntelliCAS' by which the certificates are validated globally through a 12 digit Global Access Code (GAC).

Dr Radhakrishnan, Vice-Chancellor, Anna University, Coimbatore, said " This is a historic moment for us that would herald a new digital trend that showcases the power of information technology in managing examinations virtually in a transparent, efficient and fool proof manner. By deploying the solution we have effectively tackled the problems normally associated with conduct of such examinations and we have put Anna University Coimbatore on the global map. I am sure Anna University Coimbatore would set benchmarking standards for other universities by adopting to the e-governance framework. The offering of Mindlogicx is undoubtedly one of the best product suites that the academic administrators could think of their quest for automating examination management. On this occasion we congratulate Mindlogicx for developing a product like IntelliEXAMS that has the potential to revolutionize the way examinations managed".

Commending on the implementation, Suresh Elangovan, Managing Director & CEO, Mindlogicx, said, "We are delighted to be the pioneer in conceiving and implementing India's first integrated e – governance framework for Examination Management system (EMS). Our insight of examination management currently followed by universities helped us map the pain points of universities, which we have addressed through ' IntelliEXAMS'. This implementation has reiterated our stand that this product is a perfect fit for universities and large academic institutions in electronically managing

their examination system. The EMS can handle both offline and online examinations while the question papers are transmitted from the university just few minutes before the commencement of the examinations with security features such as 128 bit encryption, hardware based authentication and the system deployed here is similar to the one that are being used for online banking or e-commerce transactions. The certificate authentication is done through a standard browser or mobile browser. The Global access Code (GAC) that are assigned to each certificate are randomly generated, non-sequential and alpha-numeric and can produce 131 quadrillion (131,621,703,842,267,000) codes per prefix which makes it extremely difficult for anyone to reduce code to thwart the system. The GACs can be incorporated with optically variable devices, radio frequency tags, barcodes, labels, laser marking & printing etc. This will effectively solve the fake mark sheets and fake degree certificates problems once for all and give complete piece of mind to the academic administrators”

As part of implementation, Mindlogicx has set up a Network Operating Centre (NoC) in the university campus and the same is connected to all examination delivery centres across colleges where examinations are conducted. Question paper for the day is delivered just few minutes before the commencement of the examinations using 128 bit encryption technology which can be accessed by the authorized personnel with the authentication code provided. Further the system enables error free digital multiple evaluation from the designated Central Valuation centres and timely & accurate declaration of results. Other features of the project include providing of controlled access to faculties for question bank authoring, remote monitoring of the examination by the administrators, Dash boards as decisions support tools and storage and retrieval of digitized answer scripts for revaluation and retotalling besides backup and disaster recovery.

### **About ANNA UNIVERSITY**

Anna University Coimbatore is an affiliating type of University. It was established Under Act No. 42 of 2006 by the Government of Tamilnadu on 01-02-2007 vide G.O.Ms.No.13, Higher Education (1-2), dated 1<sup>st</sup> February 2007. The University has its Head Quarters at Coimbatore.

Anna University Coimbatore has jurisdiction covering eight districts namely Coimbatore, Dharmapuri, Erode, Karur, Krishnagiri, Namakkal, Salem and the Nilgiris. As of March 2008, there are three Government Engineering Colleges, 2 Government Aided Engineering Colleges and 65 Self-Financing Engineering Colleges under its fold and the number keeps increasing every academic year. About 80% of the students studying come from rural background.

The University also offers higher education in Engineering, Technology, Management and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there, it fosters cooperation between the academic and industrial communities.

### **About MINDLOGICX INFOTECH**

Mindlogicx Infotech Ltd, an R & D based technology development company, straddles products and services verticals in knowledge management space. The company operates with two key portfolio differentiators catering to education and business space respectively with the common objective of powering competency. The company undertakes large turnkey projects of setting up virtual education framework for universities and offer services in digital content management, learning management, digital library and other allied services. It also handles e-business integration, Research & Analysis, contract R & D and IT consulting.

The company has developed and successfully deployed world’s first integrated technology platform known as “VEDAS” that powers the major solutions and services of the company. VEDAS (Virtual Education Delivery and Assessment System) provides technology platform for the flagship services of Mindlogicx including Mindspace, the virtual education solution for universities; Knowledge Assessment Platform (KAP) for corporate skills assessments and Knowledge Network (K.Net) services for its Online Finishing School. The integrated Examination Management System (EMS)

offered by intelliEXAMS suite is one of the best solutions that has come from Mindlogicx stable which manages the complete life cycle of examination process of universities in a scientific and secured manner.

The company has been recognized by Dun & Bradstreet as one of the top IT companies of India in 2007 & 2008 and has also been identified as one among the “Top 15 Exciting & Emerging Companies to work for” by NASSCOM. The Company is “Deloitte Technology Fast 500 Asia Pacific 2008” winner and Red Herring 100 Asia winner in 2008 for disruptive technology development.

The company is 250 people strong and operates in a sprawling 150,000 sq feet of green campus in Bangalore housing its corporate office, R & D and development centre.

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