



Technology

Skill

Experience



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**JIL INFORMATION
TECHNOLOGY LIMITED**
An ISO 9001:2000 Company

ABOUT US

JIL Information Technology Ltd. (JILIT) is the Infotech arm of the Rs. 6500 crore diversified Jaypee Group. Our offerings cover a diverse range of areas such as IT Infrastructure Management, Networking & Communication, Multimedia & Content Development Services, e-learning and Software Solutions. A creative approach to technology by integrating a broad mix of technical expertise, creative intelligence and high end technological edge, so as to create innovative and revolutionary solutions and continuous efforts to maintain high quality standards have fructified in JILIT being awarded ISO 27001:2005 and ISO 9001:2000 Certifications. JILIT is today partnering with leading IT companies such as IBM (for Lotus Notes) and CISCO.



The company has set up and operates the largest private network of VSAT's and mix of terrestrial Links in Northern India that facilitates seamless connectivity for video conferencing of remote locations and data connectivity for Group's various project units, cement plants and hydropower stations. It manages the entire IT Infrastructure of various Group companies and educational institutions. The JILIT team had the distinction of implementing SAP solution for the cement division of Jaypee Group on a countrywide scale. The company has set up a Network Monitoring Centre (NMC) for Jaypee Group to monitor business operations and performance using business intelligence tools like SAS for MIS and financial consolidation. Other tools are used to monitor the Data Centre and Communication setup through the Network Monitoring Centre.

JILIT has the state-of-the-art setup to fulfill today's need with respect to application hosting, data storage, connectivity to Internet, Intranet communication, Mailing etc. JILIT is the backbone for various IT requirements of the Jaypee Group like ERP Implementation, Software Development, Data Warehousing, Networking, Emailing, Infrastructure Creation, Information Security, Assisting License Compliance and Manpower Experts Deployment.

Network Infrastructure – JILIT has an expertise in planning, designing, commissioning and operating Wide Area Networks for Data, Voice and Video. The company can set up and maintain Data Centres of any capacity on 24x7 basis. It is operating VSAT hub with aggregate Bandwidth of 31.0 MHz on INSAT 3A/4CR. The recent add on to the JILIT's commitment to grow, is establishing Disaster Recovery Centre for redundancy. JILIT's partnership with CISCO lends synergy to above capabilities.



Mailing – JILIT has the ability to set up end-to-end mailing solution, using Lotus Notes and can develop customized workflow solutions.

Information Security – JILIT has a set of security professionals, who have selected and deployed a robust solution (Anti-spam Gateway from Barracuda, Intrusion Prevention System (IPS) from Radware, Firewall from Checkpoint and PC level security by Symantec Endpoint) that addresses all three layers of security in an integrated, mutually-reinforcing fashion. The ISO/IEC 27001:2005 certification is an adequate proof of this expertise.

Database, Hardware & Application Support – JILIT has competent teams of Database Management, SAP Implementation, Customization Software Development & Support and Hardware Engineering. The team has the ability to manage a Data Centre, which has Multiple Operating Systems deployed with Multiple Database on mission critical OLTP environment.



JILIT's commitment to meet customers' needs has led to areas like communication and application technologies including, Net, Linux and J2EE. JILIT draws solution from its integrated strength, expertise and efforts to pace with emerging and ever changing technologies.

*Technology changes quickly.
Our markets are dynamic.
And so is JILIT.*

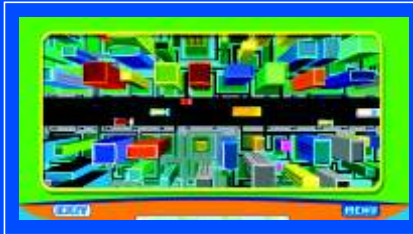
JIL IT has a dedicated team of talented creative Illustrators, Graphic Designers, 3D Animators and Flash Scriptors who are equipped with the latest in software and hardware to create content for various media.

e-Learning – JILIT undertakes development of e-learning products on turnkey basis. Activity based content in Science has been designed and created for project “Simple Experiments for Curious Minds” which is in the form of an interactive CD-ROM for children in the age group of 9-12 yrs. The project was commissioned by the National Council for Science and Technology Communication (NCSTC), Department of Science and Technology, Government of India.



3D Modeling and Animation – Creativity lies in the team of professionals at JILIT whose skills are evident in their creation of stunningly photorealistic objects and environments. These include internal organs of the body for medical purposes, structural walkthroughs etc.

Flash Games – JILIT has the expertise to develop customized Flash based games conforming to user specifications and end user requirements. The games are developed as per a well defined procedure and rigorously tested at various stages of development, both for graphics as well as programming.



Educational Broadcast Programming – JILIT's dedicated and talented team of Scriptwriters, Creative Directors, Camera Operators, Video Editors and Sound Recording Engineers are capable of handling production of quality educational programming in various languages.

JILIT is equipped with the latest Studio facilities including a Shooting Floor with a high-end Broadcast Camera Setup, Sound Recording Studio and Mac based Final Cut Pro (FCP) Video Editing suites.

Industrial Multimedia – JILIT undertakes creation and animation of complex internal operations of machinery which are used for training of operators. Value is added through animation of special features of machinery like assembly, disassembly and functioning of systems.



SOLUTIONS AND OFFERINGS

- Teaching – Learning Solutions
- Software Solutions
- Multimedia & Content Development Services
- IT Infrastructure Management Services
- Networking & Communication



STANDARD COMPLIANCE

- The ISO 27001:2005 Certification has been awarded to JILIT for the standardisation of process and equipment related to information security.



- The ISO 9001:2000 has been certified by URS Certification Ltd. which is a member of Registrar of Standards (Holdings) Ltd. and is amongst the top five certification bodies in the world.



- JILIT aquired its patent certificate for Computer Aided Teaching Apparatus (CATA) that includes *Bhartiyavidya* educational content, which was granted by the Government of India, Ministry of Commerce & Industry.

- JILIT's comprehensive School Educational Content produced for classes I to XII in Physics, Chemistry, Biology, Mathematics, Science Practicals, History, Geography, Civics and Environmental Science is SCORM Compliant.



JILIT has leveraged the Group's strength in Education (1,000 Institutes, 21,000 Teachers and 1,40,000 Students) to create teaching – learning solutions that improve the quality of teaching learning process.

Bhartiyavidya - India's First Digital Classroom Teaching Aid conceived, designed and developed by JILIT in the year 2000 is an Indian endeavour to pay more attention to the interfaces that are specially designed to be used by a teacher seamlessly with his/her wisdom, voice as well as all other conventional teaching aids during a classroom teaching process.

It has a set of high quality multimedia capsules, prepared lesson-wise using a variety of globally researched resource material. It covers content across Classes I to XII in Biology, Physics, Chemistry, Science Practical, Mathematics, Geography, History, Civics and Environmental Science. The capsules can be adapted to the syllabi used under different curricula.



Power Class – JILIT provides complete turnkey solutions to schools with various options of hardware which the schools can choose from according to their comfort along with the classroom teaching solution 'Bhartiyavidya'. A comprehensive approach towards technology + classroom. One Stop solution for all technology requirements.

QGenie - Question Paper Generator – QGenie is a web enabled question paper generator solution for Teachers, Tutors, Parents, Students, Schools and Coaching Institutes across classes and subjects. The software allows generating a question paper based on parameters like learning objectives, types of questions, competency level and difficulty level.

The repository of questions allows teachers to select a variety of questions which caters to classes VI through XII for Science, Social Science and Mathematics. The users have the flexibility to generate class tests, unit/terminal tests, and final tests. The teachers can add/edit/delete the questions generated as per their requirement or parameters.

MentoMatrix – is an automated web based training application for testing and analysis of Children's Psychological Attributes. JILIT has pioneered in creating such a tool that not only captures 40 selected attributes pertaining to moral values and personal traits, but also quantifies and analyses them individually as well as collectively. The automated testing is carried out in an easy, interesting and innovative manner without their knowledge. The tool is designed for children of 7 to 15 years of age. The captured attributes are then processed, digitized and analyzed to produce various types of reports. The tool is very handy and useful for mass assessment of children, particularly in school environment.

JILIT has developed customized ERP Solutions for Construction, Manufacturing, Power and Education sectors. The ERP Solutions aim at a wide range of customers in today's competitive environment to sustain, improve efficiency and to deploy resources effectively. The solutions offered by JILIT are :

Biz Connect – A true three tier architecture ERP application, which can be deployed over intranet and internet for small and medium enterprises. It can be implemented as a single solution for group of companies. It is engineered and designed to meet the requirements of any organization. This solution creates a potential for improving performance, productivity and ultimately profitability.



Campus Lynx – This is a highly modular and scalable ERP Solution specifically developed in line with the requirements of the present day Universities and Colleges integrated with state-of-the-art technology. It integrates most of the complex processes adopted by professionally managed educational institutes right from the stage of inviting admission applications to the passing out of the student to maintaining his/her history.



On-Line Test (OLT) – This web based unique software solution is designed with an objective of eliminating paper based exams and associated costs. It renders the test process simple, interactive, accurate and secure within a predefined schedule. It is a fully automated online testing tool with central control and comprehensive security. All features are amenable to individual customization needs. Administrators load the questions in a database and an automatic test is generated based on the design parameters. At any time these questions can be edited, deleted and reused for a prompt test.



School Connect – A three tier architecture based solution aims at streamlining and integrating all activities carried out in any school. This software solution will enhance the efficiency level and ensure better planning for managing student registration, time tabling, hostel accommodations, fees, conveyance & transportation, exams & results, library, finance and payroll etc.