

**EDIFY: The art of Digital Teaching. Experience it!!**

## EDIFY?

A complete IT solution for the teaching institutions which manages work-environment, bridges gap between students and teachers, consults students, make identity on web & changes the way of learning by utilizing the same Fundaas & skills as previously were.

In this era of intense competition, it is necessary for every organization to keep update according to own need and give way to latest technologies which are roaring in this surrounding world. Our effort is a triumph towards to achieve this goal with greater ease without any headache.

Edify focuses to provide a complete IT solution to problems faced by institution's. Using latest technologies of IT field can enhance the performance shown by institutions in various competitive examinations and make work easy and manageable manner. Today every big organization gives emphasis to organize work in every arena of their work field.

*This product is divided in following four modules, which institute can use according to their needs & strength of students & employees (However we recommend using all modules for better performance & creative interaction among students):*

[▶ MODULE 1](#)[▶ MODULE 2](#)[▶ MODULE 3](#)[▶ MODULE 4](#)**How Edify handles the teaching organization: (Understanding EDIFY in organizational terms)**

*It handles all the units of a teaching organization:*

**Accounting & Procurement ( ✓ )****Human Resources ( ✓ )****Information Technology & Operations ( ✓ )****Research and Development ( ✓ )****Accounting & Procurement: (Purchase book, Salary & payroll, )**

This unit of a organization is responsible for financial reporting, financial controls necessary to run the organization. Thus, EDIFY is equipped with Book & Record keeping facility, including Book keeping & Inventory management, to handle the purchases made by the teaching organization. And many others...

**Human Resource: Manage Faculty, employee & students:**

It manages the humans (Staff, Faculty & students) as resource. This is done by centrally managing the valuable data of faculty, employee & students.

Educational scheduling is the process in which we create the time table providing the best possible Time management. This feature enables the faculty to perform in a stress free work schedule with no over work load. It creates the best possible time division scenario for a specific class or section or batch.

Managing staff & students are done by creating a pool of all data covering every person related to that institution. Any person's details can be traced, including passed out students, previous staff.

**IT & operations: Manage studies, Manage automatic attendance, Computer based Customer care.**

IT based operations are the set of modern technology an organization employ to perform the organizational operations & working. Edify is equipped with all the IT operations that a educational organization needs.

**Research and Development: (Research based study material with animations):** Edify has many Add-On Services & Research products added in its library. A institution can use all the items as per their need.

**Whom this product is for?**

Edify is the need of every institution. Indian institutions are greatly adopting the modern IT technology and changing their way of teaching.

Edify can be used in any type of teaching university, institution, college, school or even coaching

## Defining Modules

### MODULE1: Edify - MODULE 1: EDI-manage - *The watchdogs who didn't bark.*

Module 1 is the backbone of full software. This module covers all the needs of a teaching organization.

**Technical Introduction:** Ever wondered what makes your office space stand out from rest?

This module is a Data base center which manages the students (or employees) data record with attracting style of presentation and easy to use for any layman. A centralized database is need for every organization even big or small to manage work in organized way and less important information would be also available at any instant of time because of ease of use and one of best database technologies applied in it . Edify has proven achievement to overcome these pitfalls faced by institutions to manage data in efficient manner. There are lots of opportunities gained by institutions by acquiring this module. Facilities such as different types of data graphs represented by performance of students in different evaluation tests on weekly/monthly/yearly basis, which can be send to their guardians. This can help to improve performance of students and there may be better results comparison to previous years .The report generated interacts with IVR System, which helps parents to view their children report. IVR System also serves the purpose of systematic information delivering for every call getting inside institution. There are other facilities which can enhance performance of institution in organized way. Better result giving organization always attracts people so it can also enhance number of students in institution and with this also the fee structure. It also manages the student selection process (entirely customize by Institution) and can make less pain to institution during time of admission. Batch-scheduling can also be managed through this.

*Now, Crack the nut by applying this module and be forward always, never taking any headache.*

## Technical explanation of various Solutions & Technologies

1. *The Central Database Management:* Database is the set of information which can be used at any time with conditions. This part of the module manages the central data of:

**Accounts** (Purchases done in Institution, Full book keeping and Inventory handling)

**Academics** (Manage Course, Departments, Fee and course curriculum)

**Attendance** (Manage attendance by staff & students through most modern system RFID)

**Library** (Built in with **Library management & Automation system**, followed by most modern International standards, with features like Circulation, Inventory, Bar Code, Catalog & Publication management.)

**Students** (Manage Students, their Academic Performance & view through Graphical and Chart Report, Comparative Analysis of students)

**Staff** (Manage Staff, their full profile covering every detail)

**Educational schedule** (Educational Scheduling, often called Time Table arranging)

**Examinations** (Manage Exams & their schedule either online or in campus)

**Search** (Search anything. Equipped with modern ultra fast searching for the database, search anything)

### A Student & staff Section to:

- **View existing Academic performance**
- **View Graphical Reports**
- **View Mark sheets**
- **View Performance**
- **View Library Books status**
- **Reserve & Issue book online**
- **Take & Give Quizzes & Exams Online**

**Use:**

- Do anything if you have the centralized & managed data. You can have any detail over your fingertip. Think of a Concept like Core banking (CBS, all details of accounts anything in hand)
- Manage Human, Financial resource with best output
- Centralized Funds flow.
- Centralized academics with all details.
- Centralized educational schedule for optimum use & No over work Loads.
- Centralized Examinations procedures. Security proof examinations. No leaks.

2. *The IVRS System (Interactive voice response system):* It's a talking computer which responds when you press keys over your telephone. Just like Customer care you handle for your telephone. The Institute's telephone gets connected with a computer & when some one calls, computer responds by a welcome message. You can then press 1, 2, 3, 4, 5 & so on, dedicated keys with each function associated with keys. The computer itself tells you what to do, and then after it responds to the choice you enter.

*Ex:* If Parents want to know the progress report & standing of the student in his class. They can call institution and they are said to press a dedicated Number to know student Performance. After pressing that key, they are asked to press the roll no. of the student. Entering to which computer speaks out the performance including attendance.

**Use:**

- Parents & guardians can have an eye over the student's performance including attendance.
- New visitor can get the computerized location of the institute from nearby Railway/Bus station.
- Any computer database enabled task can be done.

**Interactive Voice Response system: The Voice Power**

3. *The RFID based attendance or Access control System (RFID > Radio Frequency Identification):*

Another revolutionary technology of any type of current modern organizations, weather Hospitality, Health Care or Education.

Radio frequency Identification is a technology with which a identification can be done by using interacting with radio waves. Here in Edify, we use it as system that authenticate the persons (student, staff, faculty, administration & working class) belong to a institution. We provide RFID enabled Identity cards to every person of the institute in which a unique identification key is enrolled. When a person enters inside the institution, he/she have to show their card to a Machine (Reader), which can then authenticate the person & similarly attendance will be done.

**Use:**

- Prevents unauthorized access
- Make attendance electronically, saves class time
- High-Tech system with security based system

**RFID: Go wire free**

**MODULE2: Edify - MODULE 2: EDI-SMS – Tring Tring SMS..**

SMS is a telecommunication provider based service which is very useful & popular among youths. Besides, its very cheaper than a call.

This module is the best way to reach every student personally.

This module is a **SMS Broadcast** manager. This is entirely new approach which is very interesting and useful for any institution. In this approach some cell phone numbers are spread among students so that they can SMS to these numbers and can send queries. There are plenty of students in a batch and it is not possible to spend much time for individual student queries but it is possible for students to send queries on distributed SMS numbers. If instructor think that this query is important and can be deliberately discuss in Classroom sessions, it may be useful when something important (A new LOGIC, an Idea, A Fundaa..) emerges out, which might get missed during previous classroom sessions. In this process SMS queries send on distributed number can be received on desktop or notebook screen through internet using this module. It's an easy way to overcome a difficulty which is commonly faced by institutions due to hesitation or fear of introvert students towards instructor to ask question arising in their innovative minds. It is a cost effective feature, because a SMS cost some *Paisa* to spend.

*Its a way to deliver information among students, like batch cancellation or new courses, offers & news..*

It may also enhance the performance of class if they also reward to the best SMS on daily basis.

**SMS broadcasting technology:** Just like the way radio is broadcasted, here SMS broadcasts. But, it's a both way communication here.

**Use:**

- An alternative to Students diary for small class students in a school. Homework can be send using SMS to heir parents by typing and a Single mouse CLICK.
- For Higher classes this SMS system can be used for delivering important knowledge or a random piece of information like a Random test, Random meet.
- An alternative way to provide Notices & information to the class
- Doubts can be cleared out.
- Bridges gap between Students & teachers

**MODULE3: Edify - MODULE 3: EDI-tutorial – Watch the Panorama**

This module is most interesting part of Edify. ***It is said that visual effect is one thousands time more effective than audio effect. It's TRUE.***

Presenting a module which is a fully computerized pattern of the subject & its way of learning in a very interactive way, which is never before in the world of teaching. This module is an updated version of our successful Singapore based product EDGIO. Module has a full content of the matter of any domain viz. Physics, Chemistry, Mathematics and, Biology (which is fully customizable as per the Institution's learning scheme). Instructor teaches students through the computer in a very interactive way showing everything actually happening in a case study. Ex- A relative velocity concept, Doppler effect, SN1 mechanism, Electro-file attack etc. in a Flash animation, which helps students learn interactively.

*The running course of the institution will be converted into the soft form with extra animations effect added in each subject.*

**Use:**

- Pure learning methodology involved
- Advance digital teaching method with Hi-tech Computerized blackboard, projectors & laptops
- Course in Digital format, can be used as a EBOOK with daily audio visual sessions provided in Website
- Point method of learning. Impact the student the exact fundaa of the problem with animation, which help student to understand problem better & pick up the solution.
- Daily Audio visual Class sessions can be recorded

**MODULE4: Edify - MODULE 4: EDI-WEB – Open the global doors of Web**

Being a WEB personality is the urge of today's any organization. This helps institution to smartly e-market themselves. This module comes with a packaged bundle of a forum & a website. A forum helps organization & visitors (their students & outside students) to interact for a simple question or any issue. They solve, argue & finalize the query in a very way. Instructor may join the forum & participate in the queries going on & solve them. A website helps institutions to promote them over web, displays the batches position, test result, admission final list, fee structure, online fee payment transaction & anything as it's fully customizable.

India is a developing country & the Education sector is adopting newer technology to compete the rest of world. Internet is being always the critic issue for the students. It's a hub of knowledge.

We thus are introducing a feature to let students & faculty interact thorough web.

A Website is provided to the institution which gives the teaching organization a Internet presence. A payment gateway is inbuilt over the website which automates the fee submission process of the college to any course or subject. Parents can pay the educational fees through Internet by Credit/Debit card on Online Banks.

**Use:**

- Payment gateway lets parents & students a feasible way of submitting fees through internet
- Web presence gives the organization a detailed knowledge for the institution performance & educational excellence. Gives information about courses run with complete information
- Student & faculty section will allow them to manage their tasks & proper discussion session can be made through Forum
- A Web class can be taken by a teacher through forum, in which he can upload the audio /video lecture on daily basis to let student understand the lecture more accurately.

**EDIFY as a machine**

**The Hardware:** Edify physically a computer based machine which has its dedicated functioning parts are installed, according to the Institution choice. It is then install inside the existing LAN, MAN, WAN of the institution/University.

**How it work:** Edify after installation on computer network can be accessed from anywhere inside institution. Though, a Online EDIFY can be installed for a institution to handle various branches of the institution in various cities or countries, remotely through WEB.

EDIFY can have two Working Modes:

**EDIFY ONLINE****EDIFY LOCAL INTRANET**

It's a customized security based system. EDIFY software can be accessed from any machine without installing any third party software. A Security privileged layer is there which authenticates a person from accessing EDIFY.

**Who can run EDIFY:** Depending upon the need of institution, EDIFY's part can be accessed by person who have the privilege to do so. Privilege to use a part of the software can be granted for the person. Similarly, Online EDIFY can be accessed by the selected branch of the institute with limited feature.

**EDIFY accessory Products & Services:**

Edify comes with many add-on features as a part of the services & products

**Products:**

*Touch based Blackboards*

- **No need of chalk.**
- **Projector enabled**

**Hardware MODULES:**
**EDIFY Server Type A : (Good for Online Exam handling & institution processes)**

- **Fast Processing & Data transfer module**
- **IVRS Machine**
- **Server Ultra storage system**
- **RFID Access Control Module Enabled**

**EDIFY Server Type B : (Good for Simple institution processes)**

- **IVRS Machine**
- **Server Ultra storage system**
- **RFID Access Control Module Enabled**

**RFID Access Control & attendance Signal Sensing module hardware**

**RFID Access Control & attendance CARDS (Printing included)**

**BAR Code Reader for Library Books & Patron reading**

**EDIFY Accessories:**

EDIFY Desktop Series for teaching	EDIFY Laptop Series for teaching
EDIFY Touch based Panels	EDIFY Projectors for Live computing & study
EDIFY Class Voting System	EDIFY Class Recording System

**Services:**

*Complete development of the Institution's IT Sector based system, including Networking, Computer System series, Electronic RF based systems*

Whether you are a New or existing institution. It's the urge of today's technology to get updated. We provide the best consultancy of how you setup your institutions IT system for the best optimum use with future technology adaptations.

After that, we can provide you the complete range of IT based systems designed for the institutions depending upon the budget.

- ◇ **Fully functional database management**
- ◇ **SMS Query System**
- ◇ **Students interaction program**
- ◇ **Student Report creation program**
- ◇ **IVR System**
- ◇ **Pure learning methodology**
- ◇ **Web & Forum**
- ◇ **Electronic Attendance & eWatching**

## Module 1

- ❖ Fully managed Database
- Library management System
- Content management System
- Central Account System
- Student's Graphical Report
- Batch scheduling
- Electronic Attendance
- IVR System
- Test & exam handling

## Module 2

- ❖ Personal interaction
- Creativity among students
- Information gateway
- Big Hit in south institution
- Random Test programs

## Module 3

- ❖ Pure learning methodology
- Built in Content Management system
- Advance digital teaching
- Course in Digital format
- Point method of learning

## Module 4

- ❖ A functional website
- Payment gateway inbuilt
- Talkative Forum
- Query discussion
- Query troubleshoot by Owner

**About Innvy Consultants & IT Solution:**

**Innvy** is an organization of intellects. We at Innvy have an unique understanding of Internet business, as well as in-depth knowledge of the latest design technologies which has enabled us to provide result oriented design solutions for our clients enabling them a "competitive edge" and a better chance for success on the web & softwares.

Innvy is fortunate to have some of the most talented people working in Indian IT industry today. We are sure every IT company says that but in our case, it is true! Our global group has IIM A, IIT & premier management, technical school's alumnus.

"In today's business environment, the collection of data is overwhelming and becoming more increasingly difficult to analyze and make critical real-time decisions. Leveraging the value that is inherent in your data requires a strategic view of your business, combined with an understanding of your back-office systems"- Our Business Intelligence.

With today's IT technology, nearly anything is possible. Innvy is focused on providing IT business solutions designed to enable businesses to respond efficiently and effectively to changes in the marketplace. We implement solid business strategies and agile technology environments that support growth and improve business processes, performance and profitability for our clients. Our innovative solutions have allowed our customers to stay ahead of the technology curve and achieve their business strategies.

**EDIFY's Official Website:** [www.edify.innvy.com](http://www.edify.innvy.com) , **EDIFY Demo:** [www.edify.innvy.com/demo](http://www.edify.innvy.com/demo)

**EDIFY: The art of Digital Teaching. Experience it!!**

A Innvy Product

[www.innvy.com](http://www.innvy.com)

