

RESEARCH ARTICLE



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A CASE STUDY OF ONLINE ADMISSION PROCESS : ERP IN HIGHER EDUCATION, HARYANA

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ABSTRACT

An ERP is an Enterprise Resource Planning system -- a software system that processes institution-wide transactions on a single software system and a single data base. These multi-functional systems are designed to streamline almost every aspect of how institutions operate. Simply put, an ERP integrates institutional data and processes through one system. This case study examines the application of ERP software to the student information management, admission process in higher education, Haryana.

Keyword-ERP, ICT, DGHE

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INTRODUCTION

Few years ago, the usage of information technology in Education field was relatively simple and limited. However, as we progress into a more integrated world where in the technology, it has become an integral part of the business processes, the process of managing of information has become more and more complicated. Now, one of the biggest challenges that educational institutions face is the explosive growth of educational data and to use this data to improve its management with effective way [1]. An ERP is an Enterprise Resource Planning system -- a software system that processes institution-wide transactions on a single software system and a single data base. These multi-functional systems are designed to streamline almost every aspect of how organization/institutions operate. Simply put, an ERP integrates institutional data and processes through one system ERP systems are considered to be the largest software applications adopted by most of the educational organizations along with some investments in their implementation. However, less

research activities have been done regarding the ERP systems in a university environment. An increasing number of higher education institutions have introduced ERP systems in order to improve their operations and make them manageable and more transparent. ERP vendors are also aware of this fact, which is the reason they have already expanded their solutions in order to satisfy the needs of higher education institutions. In this paper , we will discuss on ERP systems for higher education , developed in the direction of support for key administrative and academic services. The core of such a system usually supports minimal student administration, human resource management (monitoring of employees) and finance (accounting, payments, and investments, budget) by incorporating the features of the system. As a result of the same, the higher education sector has moved to Enterprise resource planning (ERP) systems in the hope of helping them to cope with this changing environment. Consequently, the existing administration and management computer systems have been replaced with ERP in the educational

organizations in order to improve the performance of the end users by providing better managerial tools.

The main aim of ERP implementation in universities is to provide schools and colleges with an increased ability for research and teaching at the reasonable and low cost. This system provide more transparency in admission process which is more helpful in the favor of students.

ERP USES IN COLLEGES OF HARYANA IN VARIOUS TYPES

1. Online Admission Process with the help of ERP
2. Financial ERP(Treasury)
3. Library Records
4. Edusat Classes

ONLINE ADMISSION PROCESS IN COLLEGES OF HARYANA

Today, ERP System has played significant role in Haryana College.ICT to support their business functions (Administrative ,organization etc).A increasing numbers of HEI have introduced ERP system in order to improve their operations and make them manageable and more transparent.ERP vendors are also aware of this fact ,which is the reason they already expand their solution in order to satisfy the needs of HEI. Before 2013 ,all students records and admission process had done manually . All records had been maintained in files and registers. That consumed a lot of time ,hard-work and difficult to maintain all these. Few years ago ,students have to take admission prospects in colleges and filled up that form and their documents .After that, they have to submitted their form to college clerk. Thus, all records had maintained manually and merit list also had consumed a lot of time hardly.

After 2013 ,DGHE (Department of Higher Education ,Haryana evaluated ERP SYSTEM for Online Admission Process .Now ,ERP system has been fully implemented in college for UG/PG class admission ,to maintained records and other tasks.ERP system have main administration which is under control of DGHE. This administration provides their login ID and password to each colleges.

The main objective of ERP System in College Cadre

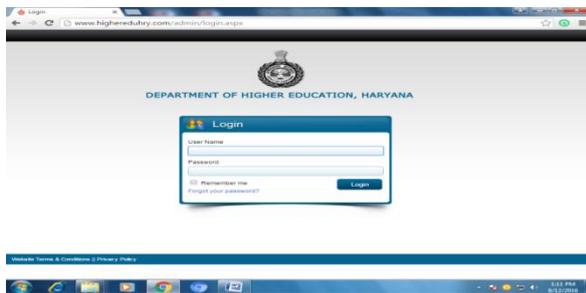
1. To study of effectiveness ERP implementation in colleges of Higher Education in online admission process.
2. To improve and create easy process for the admission process in Colleges Courses.
3. To analyze beneficial of ERP effects for specially Administrator, University and Students for integrate information across all phases from admission to result(Online registration form ,scholarship ,Migration , Exam etc.)
4. To support Analysis of maintenance and improve the performance of colleges education in Haryana.
5. To Analyses the adaptability of the newly implemented ERP system in college campus for Education improves access to accurate and timely information.

ONLINE ADMISSION PROCESER ON DGHE /COLLEGE PORTAL

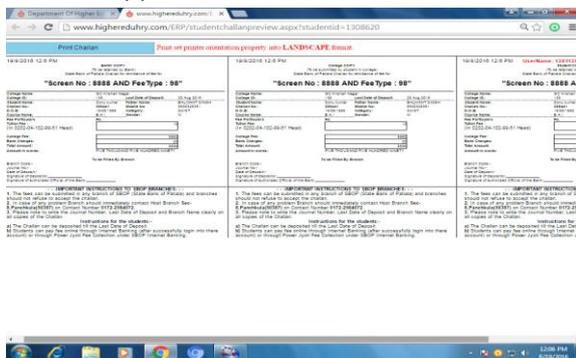
1. Firstly, Student Fill up the admission application form on DGHE website .After filling the form ,they submit the hardcopy of application form in which college where they has mentioned in form.



2. Secondly, staff committee decides that student is eligible or not for admission according to DGHE terms and conditions criteria.
3. If they pass out this criteria then these form verifies from their college portal which have authentication security.



4. In last, all verifies form taken in descending order (highest marks) according to marks generate First ,Second and other merit list.
5. Students those who have found their name in merit list ,check their original documents by staff Committee again.
6. After checking by committee ,then challan generate from their college portal .
7. After generate of challan students deposit their fees in the bank and take admission in college .
8. There are three copies of generate challan -: First copy submit in bank for depositing fees process after then second copy submit in college as a fees slip proof then college staff issue their roll.no and third challan copy is for student .



ERP systems are used by large corporations around the world, recently replacing management ,financial and administration computer systems in the higher education sectors (Pollock and Conford2005). ERP has played a significant role in the IT management of higher education but it was – to some extent- far from the core discipline of the higher education. It is important to define ERP systems in higher education as being multiple in scopes, tracking a range of activities of including

those of human resource systems, administrative student information systems and financial systems.

CONCLUSION:

This paper proves that ERP is not the a mere acquiring of ERP application. Current ERP for business have different set of functionalities that is significantly different from the academic functionalities required for higher education institutions. ERP for higher education should be tailored specifically to address the academic functionality. Therefore ERP for higher education should start with the organization structure including strategy / policy , data flow, business processes structure, and academic functionalities as an unique discipline. Enterprise Resource Planning has many advantages, it has not been implemented in the academic institutions for better workflow, effectiveness in work procedures and better integration of various modules and sharing of resources. It would be an achievement, if educational institutions utilized Enterprise Resource Planning system in developing the integration of all the resources of educational institution. Enterprise Resource Planning has successfully been used in various sectors like industries, management, aviation, data warehousing etc. Enterprise Resource Planning has many advantages, it has not been implemented in the academic institutions for better workflow, effectiveness in work procedures and better integration of various modules and sharing of resources. It would be an achievement, if educational institutions utilized Enterprise Resource Planning system in developing the integration of all the resources of educational institution.

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