Best Practices of Govt. Degree College for Women, Nalgonda 2020-21

Student Result Management System

1. Objectives of the Practice:

As a part of flagship program "Digital India '' of the Government of India, the IQAC decided to develop and maintain the institutional database through the Student Result Management System to digitalize the progress of the students in examinations to enhance the institutional quality.

Objective of the Student Result Management System is to prepare Command Line Interface (CLI) software at college level to get the consolidated results /progress of the students to facilitate the ease of administration in the college.

The software is intended to allow the user to interact with the computer by entering the Roll Number of the student and the computer displays the consolidated result of the student.

2. Need Addressed and the Context:

The intake of the Government Degree College for Women, Nalgonda has increased three fold in the recent years. As there are more than two thousand students with several course combinations under C.B.C.S in the college, the results of six semesters in each year in various combinations are to be recorded. Departments of the college used to get the results of their subjects from the University website and record the same in their registers manually. But it was very difficult to find the overall result of a student at a glance until the final memorandum of marks is issued by the University after passing all the subjects. To address the problem it is decided to have a platform, which can give the status of all university results of a student at a glance with a single entry at any point of time.

3. The Practice:

As the required result management system costs a lot if any external agency is involved, it is decided to prepare an excel program compiling all the data available using the interested Mathematics & computer science students and Mathematics & computer science faculty. The data of examination results of the students has been collected since the inception of Choice Based Credit System (2016). The data available in Degree Online Services, Telangana (DOST) is utilized in compilation of data. All the data collected is consolidated in a spreadsheet. So far 96500 rows with more than 17 lakh entries are created and codes are assigned to more than 300 courses offered in the college to enable algorithms. Algorithms were created to prepare Command Line Interface (CLI) software so that the consolidated result of a student pertaining to all semesters will prompt on the screen at a glance by entering the Roll number.

4. Evidence of Success:

With the Student Result Management System prepared in the college, it is now very easy to get the consolidated result of any student instantly which in turn enables the examination branch to quickly access the previous examination records of the individual without manual searching for the memorandum of marks.

The Student Result Management System facilitates the administration of the college to get the student progression and accurate result analysis. Further it is utilized to identify toppers of the courses and student's backlog subjects at the examination branch. The data pertaining to the backlog subjects is shared to the mentors for their assessment, further interaction with their mentees and guiding the student to undergo remedial coaching. It contributes a significant part in the Management Information System prepared by the Internal Quality Assurance Cell. It helps various committees like TSKC in planning the activities for the benefit of students in the college.   It has now become a handy tool to the faculty to monitor the student progression in the university examinations. Students involved in this project gained hands-on experience as the data is very huge and has live applications.

5. Problems Encountered and Resources Required:

As the student strength is high, collecting and compiling the data is a herculean task. Examination results compiled by the Departments, University website and Semester Grade reports of the University are used in this Student Result Management System. Mathematics & Computer Science faculty & students are actively involved in this project.

6. Notes (Optional)

Though the result data is available with the university, it is not accessible to the colleges as and when required. If the semester wise consolidated results are given or made accessible to the colleges, it will be easy to prepare and maintain such MIS.

STUDENT AS AN ORGANIZER

1. Objective of the Practice:

Leadership qualities are to be inculcated in youth to ensure the optimal demographic dividend to the nation. Leadership qualities are acquired through a participatory work environment. Hence, the students of the college are encouraged to organize various activities conducted in the college to imbibe the leadership qualities in the natural environment.

2. Need Addressed and the Context:

As the country is in need of true leaders, it is believed that the competitive spirit would always enhance the inner capabilities of the individuals through a pervasive attitude. Most of the students have come from the rural areas across erstwhile Nalgonda district with various social, financial backgrounds and it is observed that their confidence levels, communication skills are low. To address the same, students are encouraged to organize various programs in the college for their all round development and it leads to fruitful results in helping the institution to flourish in all aspects.

3. The Practice:

The Class Representatives System (CRS) of the college has a five member team that interacts with the rest of the students to involve them in organizing various activities in the college. They identify the hidden talents of students through their informal interactions and encourage them to showcase their talent in various co-curricular and extracurricular activities conducted in the college. The class representatives along with the rest of the students organize

the celebrations of the birth anniversaries, death anniversaries commemorating the greatest personalities of our nation and other days of national and international importance.

As most of the students are from orthodox patriarchal families, they feel dependent and shy to come out to express their views and ideas freely. The peer interactions in organizing the activities helped them to overcome their inhibitions.

4. Evidence of Success:

The direct participation and management of the programs enriched the skills of observation, understanding among the students and the way of interaction with others improved a lot. It helped them to bring out inherent natural qualities for their all-round development. For instance, N.Ushashwini, Lalitya, Keertana, Vaishnavi, Mamata,etc., who enthusiastically participated in organizing the programs were excelled in oratory skills, resultantly they could participate and win the recognition at the state and national level competitions. Students like Keertana, Lalithya etc., benefited from those programs and now work on local TV channels as anchors and news readers. Similarly, these programs helped other students in becoming self-sufficient and independent women with due focus on their education.

5. Resources:

Enthusiastic students under the guidance of able faculty members, Calendar with days of importance, Regular discussions over the greatest personalities of the country during the lectures of the faculty, huge student strength of the college are the resources for this practice.