

6.2.3: Institution Implements e-governance covering following areas of operation

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A Report on Technology Adoption & Digital Transformation

Introduction

To inculcate green habits in the students, the University has undertaken several initiatives to make *campus eco-friendly, one being Paperless transactions & offices*. The University established and developed a separate IT systems department with full time developers to develop various IT modules for improving capabilities & facilitate students in their path of learning & development. This initiative has thus helped in making paperless transactions with minimal movement of physical papers among the offices.

Marwadi Technologies previously an arm of Marwadi University since 2010 and registered independently in 2017, is *a team of 20 young and enthusiastic developers and designers* who are the catalyst in this techno-transformation. Leveraging their experience and expertise it has developed sustainable solutions to address the needs of University automation, mobile app development and IoT based applications to strengthen operational aspects of the University.

About UniRP

Marwadi Technology believes that technology is the way to raise the quality standards and gear-up the organizations to expedite. Showcasing this belief, UniRP (University Resource Planning) – a well structured and coherent ERP system streamlines the elements of an educational institute on a single platform in a smart simplified manner to unfold the scalable outputs. UniRP is widely spread on 15 main poles, each designed and integrated to make academic operations easy and creating a potent virtual desk support with user-friendly tools.

Key Features of UniRP

- 110⁺ Modules
- 1,500⁺ Screens
- 1,650⁺ Reports
- 12⁺ Mobile Applications

UniRP Technological Segments

- **Marketing & Admission:** To strategize line of action which has to be planned and implemented with error less steps in aiming directions, by a widely equipped virtual tool that also places admissions on the same level of accuracy.
- **Academics & LMS:** Synchronizing every aspect proactively; Admissions, Faculties, Academic processes and more define the powerful academics and so nurtures future potential.
- **Examination:** The interface regulates both the ends i.e. student and the examiner with advanced functionalities up to the grade sheet management assisting the examination controller closely.
- **Accreditation:** Having a futuristic approach, an end-to-end evaluation of classified data with its conclusions is presented through the updated analytical tools.
- **Career Development & Placements:** Recruitment and placement have now been outgrown the multiple manual record and co-ordination steps as a synchronizing the data in numerous appropriate channels.
- **Library:** The book bank is one with the most volumes of inventory to be managed which is categorized and organized virtually so that it provides easy records and access to a huge data, curtailing the lengthy tedious process.
- **HRMS:** The prime resource of an institute is the human which is managed and facilitated on a user-friendly and automated digital platform without the piles of forms and registers to bring out the actual talent hassle-free.
- **Administration:** Organization with effectively managed administration reduces the workload, as all the departments are controlled & mechanized at one virtual desk that's smooth to provide clutter free governance.
- **University & Institute Management:** The operations are automated in a manner that all the distinct aisles of the organization are well defined and synchronized automatically as per the requirement of the progress actions.
- **Institute & Student Support:** The assistance other than academics are regulated and operated through techniques that are upgraded and has in details data configuration capacities, which clarifies the processes regularly.

- **Innovation & Start-up Cell:** To keep on exploring and working with the up-to-date innovations would lead to a faster growth which in turn provides better exposure of applicable digitalization in different departments.
- **International Affairs:** International advancement broadens the prospects of the academics by collaborating beyond the borders for empowering various departments through a digital window that simplifies the overall landscape of the institute in a systematic ways.
- **Sports:** The physical training holds a crucial corner as far as the educational institutes are in the frame. Automating the same with fast-paced tracking and records system keeps the staff and students glued to.
- **IT Infrastructure:** The customization of the need based technology is done within the system. Configurations for these assistance and amendments are done with hi-end expertise to control and support the entire ERP in few basic steps.

Technology Implementations at Other Universities/Institutes

Marwadi Technologies has initiated development and automation of University operations for institutes of national importance such as National Forensic Science University, Dr. Subhash University and talks are initiated at Rashtriya Raksha University and renowned institutes such as Indian Institute of Technology, Gandhinagar, Vardhman Engineering College, Telangana.


Registrar
Marwadi University

