



6.2.2

**Implementation of e-governance
in area of operations.**

- 1. Administrations**
- 2. Finance & Accounts**
- 3. Students Admission &
Support**
- 4. Examination**

Greater Noida Institute of Technology (Engg. Institute)

**Plot No. 7, Knowledge Park II, Greater Noida
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E-GOVERNANCE ANNUAL REPORT 2020-21

IT E governance Annual Report provides a consolidated report of the developments and maintenance in the IT department of GNIOT-Engineering Institute (Code 132), Greater Noida Uttar Pradesh. The components of this report will include the implementation, results incurred and the forecast for the future in the areas of software, hardware and staff. The terminal part of this submission will elaborate on the conclusions and results of the quoted year.

GNIOT-Engineering Institute (Code 132), annual E-governance review meeting was held on first week of May 2020. To ensure the proper functioning of the college proceedings the committee discussed several issues which were encountered during full automation of college proceedings. The committee focused on properly facilitating the maintenance of college records and processing along-with maintaining the transparency in the college administration and providing faster information dissemination.

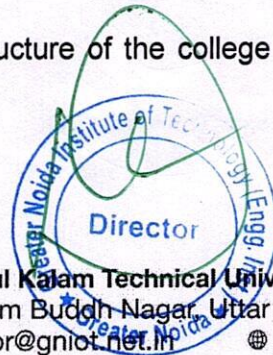
During the Academic year 2020-21, the college ERP system was continuously modified to keep-up in college. The E-infrastructure of the college was updated to facilitate the smooth functioning of academic processes including conduction of classes, conduction of examinations, etc.

To adopt the latest technology and to upgrade the system, college has decided to change the ERP system.

A team of senior officials of the college has taken care of transferring of data in correct manner. Team members has also ensured for testing of each module as the requirement of students and faculty members of the college.

College has also decided to activate library database of ERP software.

The committee also reviewed the functioning of e-infrastructure of the college which includes the following:



1. Campus ERP software : Database, Examination, Admission and other administrative aspects.
2. Website

The potential for e-governance in areas like Planning and Development, Administration, Examination Management System (EMS), Finance and Accounts, Student admission and support. A brief report is presented below:

The most indispensable element in the implementation of E-governance in any scenario rests on unlimited and unrestrained internet connectivity. In GNIOT-Engineering Institute (Code 132), the major form of connectivity is achieved via a LAN connection, with a maximum capacity to support approx. 800 systems. Another form of connectivity in the campus derives from Wi-Fi and the college is providing unlimited connectivity.

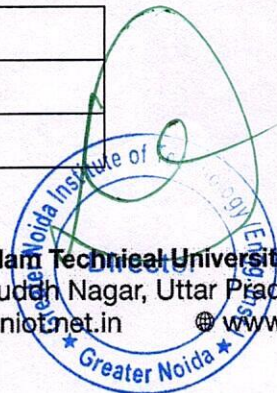
Regarding Student admission and support, the College has made a great leap in the implementation of E-Governance with a full automation of student admission procedures and maintenance of an exhaustive student profile.

With respect to examination, full automation of EMS has been attained. Segments like attendance evaluation, assignment allocation and its evaluation, conduct of online MCQ examinations, question paper generation, procedure for valuation for end semester examination and result publication has been fully automated.

In case of Personal, Pedagogical and Administrative Support for teachers, attempts have been limited to the creation of an advanced profile for faculties. There is still scope for further improvement by the inclusion of an activity log, notification broadcasting system, etc.

The below table lists the implementations and the corresponding cost in the software wing during academic year 2020-21. This is followed by forecasted projects and the associated allocation of budget for the same.

| SI | Software Details |
|----|-----------------------------|
| 1 | ERP |
| 2 | Biometric Attendance System |



| | |
|---|--------------------------|
| 3 | CCTV Monitoring Software |
|---|--------------------------|

The below table lists the implementations and the corresponding cost in the Hardware wing during academic year 2020-21. This is followed by forecasted projects and the associated allocation of budget for the same.

| SI No | Hardware Details |
|-------|--------------------------------|
| 1 | Firewall Implementations |
| 2 | Managed Switch Implementations |
| 3 | Complete Network Revamp |
| 4 | Desktop |
| 5 | CCTV |
| 6 | LED |
| 7 | Server & Virtualization |
| 8 | Microsoft Licensing |

Forecasted Projects

| | |
|---|-------------------------------|
| 1 | Backup Server Implementations |
|---|-------------------------------|

IT Engineers

| Emp Name | Designation |
|----------------------|---------------|
| Mr. OmPrakash Sharma | IT Manager |
| Mr. Manjeet Singh | Lab Assistant |
| Mr. Nitin Varshney | Lab Assistant |

The year 2020-21 has seen a significant up gradation of the overall IT initiatives. The Team has ensured to project the future assignments to continue seamless IT process in the year to come.

