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Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

E-Governance Annual Reports

Greater Noida Institute of Technology (Engg. Institute)

Plot No. 7, Knowledge Park II, Greater Noida
Uttar Pradesh 201310 India

Director
Greater Noida

E-GOVERNANCE ANNUAL REPORT 2018-19

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 IT review meeting was held on first week of May 2019. To ensure the proper functioning of the college proceedings the committee discussed several issues which have come to light during the full-automation of college proceeding. 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 2018-19, the college ERP system was fully changed to keep-up with the growing needs of college fraternity. The E-infrastructure of the college was updated to facilitate the smooth functioning of academic processes including conduction of classes, conduction of examinations, etc.
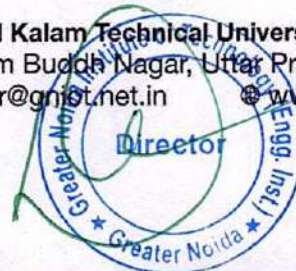
The committee also reviewed the functioning IT-infrastructure of the college which includes the following:

1. Campus ERP: 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

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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, 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 2018-19. This is followed by forecasted projects and the associated allocation of budget for the same.

SI	Software Details
1	Campus 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 2018-19. This is followed by forecasted projects and the associated allocation ofbudget for the same.

SI	Hardware Details
1	Firewall Implementations
2	Managed Switch Implementations

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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. Om Prakash Sharma	IT Manager
Mr. Manjeet Singh	Lab Assistant
Mr. Nitin Varshney	Lab Assistant

The year 2018-19 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.

(Approved by AICTE, Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
♀ Plot No. 7, Knowledge Park-II, Greater Noida, Gautam Buddh Nagar, Uttar Pradesh-201310
☎ 0120-2328214/15/16 | 1800 274 6969 ✉ director@gniot.net.in ⊕ www.gniot.net.in