

Institute Automation System
National Institute of Technology, Durgapur

The National Institute of Technology, Durgapur is implementing an integrated Institute Automation System, under Technical Education Quality Improvement Programme:

- The system facilitates complete paper less office and automated institute academic management.
- **So far our knowledge is concerned, our system is a unique one in the sense that it is the FIRST totally integrated Institute Management System on Open Source Technology on LINUX platform, implemented in India.**
- The system is an integrated Solution for NITD, covering the key functional areas and providing efficient mechanism for automating processes at par with the International Quality Standards.
- The system provides an interactive platform for all entities viz. Students, Faculty, Staff, Management, Parents, Alumni, Guests, and Experts of an educational institution.
- It is an integrated, powerful one point platform that connects all the departments of an institution namely office, fee counter, library, hostel, stores, academics, activity centre and so on.
- The system is consisting of seven modules and some sub modules covering entire functionality of NITD.
- This system has been developed and deployed in high end server hardware, under a reliable Linux distribution system supporting secured computing. The web based system use Apache Tomcat (R) Web Server and Postgre SQL Database. However, the web based system can be accessed with a computer system running a supported web browser application.

- Faculty, staff as well as students can see his/her complete details in a mouse click without going to various sections/departments.
- The System incorporates Online Document Flow. The movement (as well as current status) of various documents (files) can be traced by just a mouse click from the document flow module of our system.
- Through our system students will be able to pay their financial dues from anywhere in India via online payment option.