



IT Maintenance System

IT maintenance refers to the systematic management and servicing of an organization's information technology infrastructure to ensure its continuous and efficient operation. This process encompasses various activities, including preventive measures to avoid potential issues, corrective actions to resolve existing problems, and ongoing improvements to adapt systems to evolving needs. Effective IT maintenance ensures that both hardware and software perform optimally, supporting the overall business operations seamlessly.

Preventive maintenance focuses on avoiding issues before they occur. This includes tasks like regularly updating systems, installing security patches, performing routine data backups, and inspecting hardware components for wear and tear. Corrective maintenance, on the other hand, deals with identifying and resolving current problems such as network outages, software crashes, or faulty hardware. Additionally, predictive maintenance utilizes monitoring tools and performance analytics to anticipate and mitigate potential failures, ensuring proactive measures are taken.

Maintenance activities are typically categorized further into adaptive and perfective types. Adaptive maintenance involves updating systems to align with new requirements or technologies, such as integrating new tools or upgrading hardware for better compatibility. Perfective maintenance aims to improve overall system performance and user experience by optimizing processes, refining interfaces, or enhancing database queries.

IT maintenance covers several key areas, including hardware, software, networks, data, and security. Hardware maintenance involves inspecting and servicing physical devices like servers, desktops, and networking equipment to ensure longevity and reliability. Software maintenance includes updating applications, fixing bugs, and ensuring compatibility with hardware systems. Network maintenance focuses on monitoring bandwidth, configuring routers and firewalls, and ensuring stable VPN access. Data maintenance ensures regular backups, data recovery testing, and efficient organization, while security maintenance protects against vulnerabilities through tools like firewalls, antivirus software, and multi-factor authentication.

The benefits of IT maintenance are significant, including reduced downtime, enhanced security, improved performance, and cost efficiency. Regular maintenance also ensures compliance with industry standards and legal requirements. To maximize these benefits, organizations should adopt best practices such as maintaining a detailed maintenance schedule, automating routine tasks, training IT staff on new technologies, and regularly updating IT policies.

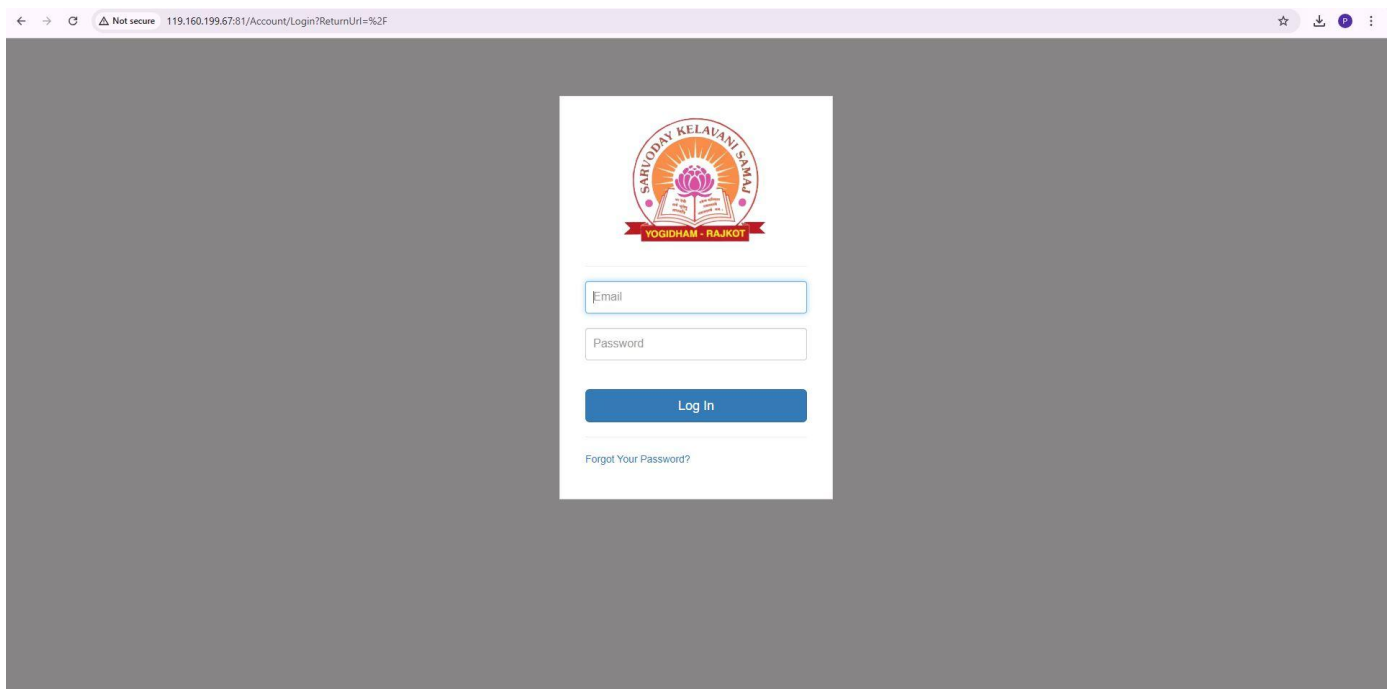
In summary, IT maintenance is a critical aspect of managing a reliable and secure technology environment. By ensuring that systems are consistently monitored, updated, and optimized, organizations can operate efficiently, mitigate risks, and maximize the return on their IT investments.



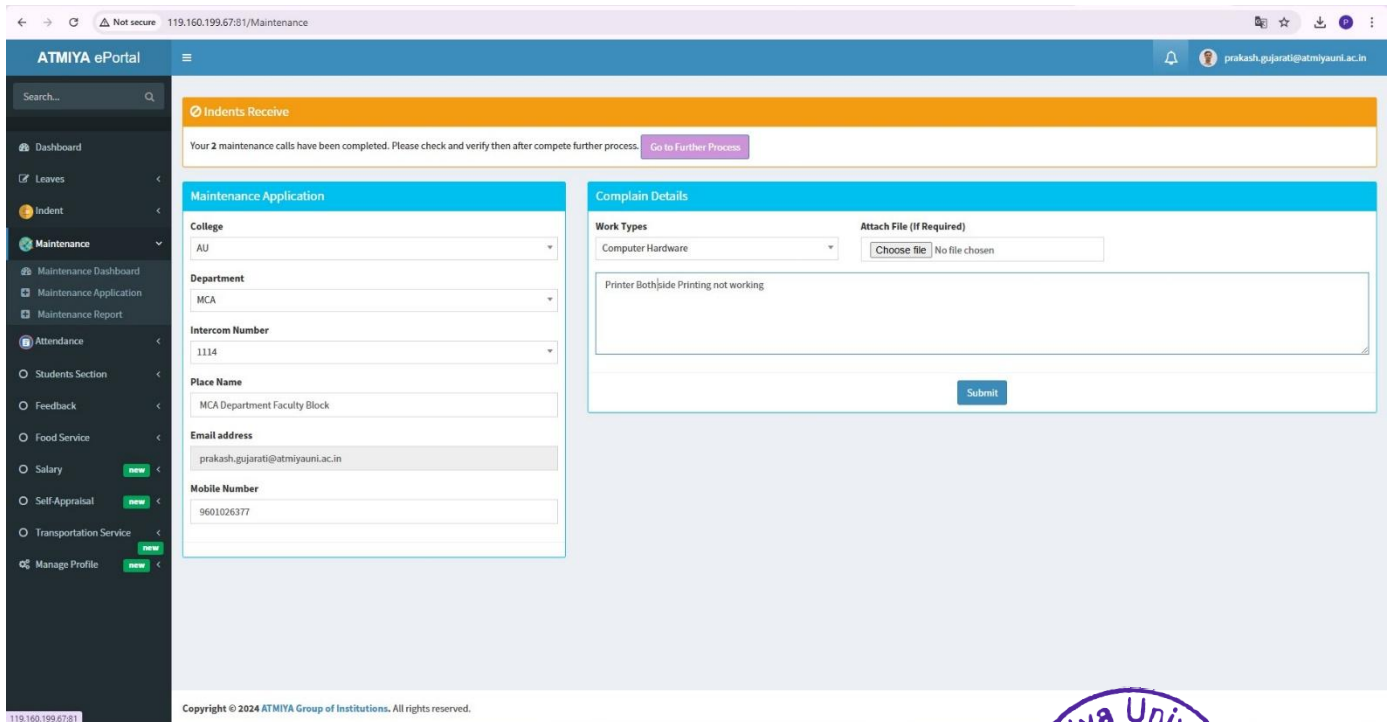


Atmiya e-Portal for Maintenance System

1. User Login



2. Maintenance Application Form (Generate Ticket)



3. Maintenance Application List





ATMIYA ePortal

Search...

- Dashboard
- Leaves
- Indent
- Maintenance
- Maintenance Dashboard
- Maintenance Application
- Maintenance Report
- Attendance
- Students Section
- Feedback
- Food Service
- Salary
- Self-Appraisal
- Transportation Service
- Manage Profile

Maintenance Dashboard

From Date: 01-09-2024 To Date: 23-11-2024 Work Types: ALL

Work Not Allocate Work Allocate Work Completed Work Completed For Staff Work Not Completed Not Consider

No.	College Name(Dept. Name)	Contact Information	Date	Work Type	Place Name	Complain	Work Allocated By	Remarks	Not Consider Reason	Documents
1	2024091420 AU (MCA)	Email: prakash.gujarati@atmiyauni.ac.in Phone: 9601026377 Intercome Number : 1114	23-11-2024	Computer Hardware	MCA Department Faculty Block	Printer Both side Printing not working	-			
2	2024090555 AU (Computer Sci. & IT)	Email: prakash.gujarati@atmiyauni.ac.in Phone: 9601026377 Intercome Number : 1114	27-07-2024	Computer Hardware	Main Chamber Faculty Block	Printer is not working	Kaushik Jivanbhai Makwana			
3	2023060228 AU (Computer Sci. & IT)	Email: prakash.gujarati@atmiyauni.ac.in Phone: 9601026377 Intercome Number : 1114	07-02-2023	Computer Hardware	Head Office Chamber	Printer is not working - Notice : replace tonner	Pratik Mansukhlal Parmar			

Work Completed Work Not Completed

Copyright © 2024 ATMIYA Group of Institutions. All rights reserved.

4. Maintenance Application Approvals (Ticket Resolved or Pending)

ATMIYA ePortal

Search...

- Dashboard
- Leaves
- Indent
- Maintenance
- Maintenance Dashboard
- Maintenance Application
- Maintenance Report
- Attendance
- Students Section
- Feedback
- Food Service
- Salary
- Self-Appraisal
- Transportation Service
- Manage Profile

Maintenance Dashboard

From Date: 01-05-2020 To Date: 23-11-2024 Work Types: Computer Hardware

Work Not Allocate Work Allocate Work Completed Work Completed For Staff Work Not Completed Not Consider

No.	College Name(Dept. Name)	Contact Information	Date	Work Type	Place Name	Complain	Work Allocated By	Remarks	Not Consider Reason	Documents
2	2023060228 AU (Computer Sci. & IT)	Email: prakash.gujarati@atmiyauni.ac.in Phone: 9601026377 Intercome Number : 1114	07-02-2023	Computer Hardware	Head Office Chamber	Printer is not working - Notice : replace tonner	Pratik Mansukhlal Parmar			
19	2023060367 AU (Computer Sci. & IT)	Email: prakash.gujarati@atmiyauni.ac.in Phone: 9601026377 Intercome Number : 1116	16-03-2023	Computer Hardware	Ground Floor Lab 3 & 4	AL-LAB3-D08,AL-LAB3-D11,AL-LAB4-D03,AL-LAB4-D17,AL-LAB4-D24,AL-LAB4-D35,AL-LAB4-D26,AL-LAB4-D32 A wing Ground Floor Lab 4 - 6 Systems are not working A wing Ground Floor Lab 3 - 2 Systems are not working	Ajay Mansukhbhai Parmar			
20	2023060375 AU (Computer Sci. & IT)	Email: prakash.gujarati@atmiyauni.ac.in Phone: 9601026377 Intercome Number : 1114	20-03-2023	Computer Hardware	Faculty Block	Printer Toner Refilling	Ajay Mansukhbhai Parmar			
21	2022060959 AUFS (Computer Sci. & IT)	Email: prakash.gujarati@atmiyauni.ac.in Phone: 9601026377 Intercome Number : 1116	20-09-2022	Computer Hardware	A-Wing First Floor IOS lab to Third Floor Lab 9	We request you to Shift our Lab from First Floor IOS Lab to A Wing Third Floor Lab 9 for Temporary because civil work is running over there. and please assign permanent place for this IOS Lab as soon as possible.	Sagar Bharatbhai Tankariya			
22	2024090555 AU (Computer Sci. & IT)	Email: prakash.gujarati@atmiyauni.ac.in Phone: 9601026377 Intercome Number : 1114	27-07-2024	Computer Hardware	Main Chamber Faculty Block	Printer is not working	Kaushik Jivanbhai Makwana			

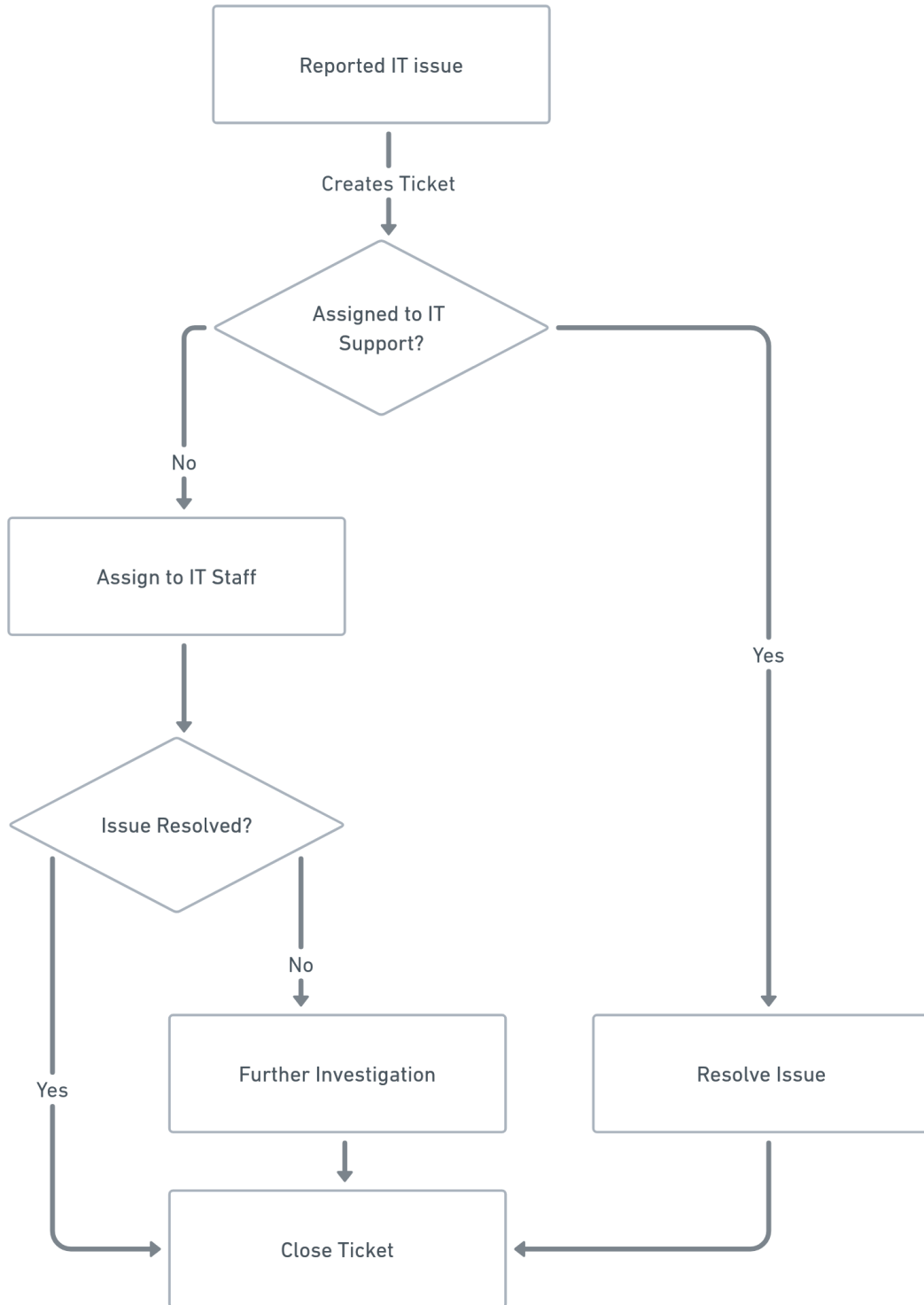
Work Completed Work Not Completed

Copyright © 2024 ATMIYA Group of Institutions. All rights reserved.





Maintenance System Flowchart



**Registrar
Atmiya University
Rajkot**

