



SHAHEED RAJGURU COLLEGE
OF APPLIED SCIENCES
FOR WOMEN

Client: Shaheed Rajguru College of Applied Sciences for Women
(University of Delhi)

Solution delivered: RFID Based Library Management Solution

The Challenges

- Time consuming issue and return processes of library books.
- Frequent cases of unauthorized book issue.
- Manual Inventory taking.
- Security issues of books and material.
- Unauthorized Patron entry in library.

The Solution

- About 18000 library books were tagged using RFID HF labels
- One RFID SelfCheck Station was installed in the Library for self Issue and return of books.
- One Tagging Station was installed in the library for Tagging new books and for patron card activation.
- One Staff Station was installed in the library for Manual operation of the library like: Issue, Return, Renew, Tagging, Patron Card Activation, Item Info, Patron, Info etc.

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- One Book drop unit was installed in the library for self return process of books. It made the library go 24x7.
- One RFID Security Gate was installed in the library for Security purpose.
- One Portable RFID handheld reader was provided in the library for automatic inventory process of books.
- Customized Software / middleware were developed for integration.
- Hardware integration with Liberty ILMS.

A Smarter Working Library

- Reduced time for issue and return processes of library books.
- Only authorized users can enter the library giving a personal touch to the existing members.
- Books can't go outside the library without proper issue process.
- Books can be returned 24x7 even when the library is closed.
- Automatically records data on the Library Server.

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