PROPOSAL FOR THE DEVELOPMENT OF
S.V.UNIVERSITY LIBRARY

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Sri Venkateswara University was established by the Act XIV of 1954 of the Andhra Pradesh Legislature. It is inaugurated on September 2, 1954. The attention of the University to the importance of the library was drawn by the U.G.C. visiting committee which came to Tirupati to assess the requirements of Sri Venkateswara University in May 1956. At first the Library was housed in the Library Hall of the S.V. Arts College, Tirupati. In May 1957, Zoology Museum Room was also made available to the Library to ease the situation caused by the heavy inflow of books.

Though the foundation stone of the new building was laid in November 1955, it took the University, a staggering 8½ years to complete the building. Dr. S. Radhakrishna formally inaugurated the present building on 12th July 1964.

At present the Library is having nearly 5500 members on its rolls, catering the needs of various users, i.e. Post-Graduate students, Teachers, Research Scholars etc.

Now-a-days almost all the libraries in India are facing the following problems.

a. Non-availability of materials.
b. Insufficient funds.
c. Managerial problems.

To overcome the above problems computerization of library operations is essential.

NEED FOR COMPUTERIZATION

Library automation involving creation of computerization databases and information retrieval, computerized library network and use of telecommunication for information handling, needs careful and systematic planning which caters:

1. To increase technical processing efficiency over a manual system.
2. To improve library services.
3. To improve library administration and management.
4. As a response to a breakdown of crisis in the existing manual system.
5. To facilitate sharing of resources.
6. High volumes of storage.
7. Sophisticated searching techniques.
8. Maintains uniform classification and cataloguing.
9. Reduces financial burden.

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APPLICATION OF COMPUTERS IN LIBRARY OPERATIONS

The computers can be applied profitably in various processes of the library and information centers. The following are the different aspects of library operations, which can be computerized.

- Acquisition
- Cataloguing
- Circulation Control
- Serial Control
- Management Support
- Information Services
- Stock Verification

REQUIREMENTS OF COMPUTERIZATION OF S.V. UNIVERSITY LIBRARY

We need hardware, software, trained manpower, Internet connectivity, databases etc.

SOFTWARE

Keeping in view the latest trends in information technology, INFLIBNET Centre has developed a Window-based Library Management Software SOUL, which provides total solution for library automation. Soul is designed using client-server architecture, which imparts extra strength to storage capacity, multiple access to single database, various levels of security, back up, and storage facilities etc. This software has been designed after a comprehensive study of different library-related functions practiced in different libraries. It has MS-SQL Server 7.0/2000-RDBMS as the back end. This user-friendly software is suitable for computerization of S.V. University Library. Other softwares required are Windows Server, MS Office and Anti Virus.

HARDWARE REQUIRED

The minimum hardware and software configuration required to use the SOUL is given below.

SOUL Software (Network Version)

Server : CPU : Pentium III @ 833 MHz

RAM: 128MB 133 MHz SDRAM
Hard disk: 9.1 GB Ultra Wide SCSI running @ 10,000 RPM
CD-DRIVE: 48X
Floppy Drive: 1.44 MB
Ethernet Card : 10/100 MBPS
Keyboard/ MOUSE: Standard key board and mouse
Monitor: SVGA digital color monitor capable of 1024 X 768
All controllers to be minimum 32 bits
Windows NT Server (With service pack 6)/ Windows 2000 Server
Microsoft SQL Server 7.0/2000
Client:
CPU: Pentium III @ 833 MHz
RAM: 128MB 133 MHz SDRAM
Hard disk: 10 EIDE
CD-DRIVE: 48X
Floppy Drive: 1.44 MB
Ethernet Card: 10/100 MBPS
Keyboard/ MOUSE: Standard keyboard and mouse
Monitor: SVGA digital color monitor capable of 1024 X 768
Windows 98/2000

Server: 1 No.
Nodes: 12 No. (Acquisition Section - 1, Technical Section - 1, Circulation Section - 2, Reference Section - 1, Periodical Section - 1, Science & Technology Section - 2, Stack Area - 2, Text Book Section - 1 and University Librarian - 1
LAN Requirements (Cables, Ethernet card, Hub etc) Web Camera and Scanners and bar code readers..

TRAINING FOR LIBRARY STAFF
INFLIBNET is providing required training for working with SOUL Software. Sri Padamavathi Mahila University and Sanskrit University are using SOUL Software for their libraries in Tirupati. S.V. University library staff may be deputed to above institutes to learn using SOUL Software. The library staff should be provided training in the computer operation through S.V. University Computers.

ACTION PLAN
Phase - I
Constituting Library Automation Committee under the Chairmanship of the Vice Chancellor.
Acquiring Hardware.
Acquiring Software.
Phase - II
Setting of LAN Connection.
Training Staff.
Phase - III
Data Entry.
Pasting Bar Code Labels.

Phase - IV
Developing Users Database.
Organizing Orientation Programmes to Users.
Issuing Computer Reader Tickets.

Phase - V
Connecting Library LAN with Campus LAN.

Phase - VI
Digitization of Theses and University Publications.

COLLECTION DEVELOPMENT
Journals Collection are limited in the S.V.University Library, essential to develop Journals Collection particularly Foreign Journals.

To overcome the above problem, S.V.University Library should participate actively in the INFLIBNET, UGC - Infonet programme.

NEW LIBRARY INFORMATION SERVICES
The rapid development in information technologies changed the routine functioning of libraries. S.V. University Library should introduce the following new information services, in addition to the regular library services, to its users.

1. Internet Access Facility
2. E-mail Services
3. CD-ROM Search Services
4. Career Guidance Cell
5. Network Services

RESOURCES
Required Finance support may be gathered from the following sources.

1. UGC and INFLIBNET may be requested for funds for computerization.
2. Requesting UGC for special grants for retrospective conversion.
3. Organizing short-term courses and Workshops.
4. Using Alumni for modernization of the library services.
5. Introducing Corporate Membership.
6. Utilizing the “Library Deposit” of the old students, which was not withdrawn by the students for acquiring Hardware and Software.