



ಆಚಾರ್ಯ ಪಾಠಶಾಲಾ ಎಜುಕೇಷನಲ್ ಟ್ರಸ್ಟ್  
Acharya Patashala Educational Trust

N.R.Colony, Bangalore-560 019

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Prof. K.P.Narasimha Murthy M.E.,(Struct) M.I.E., F.I.V.  
Hon. President

Sri. A.R. Acharya  
Hon. General Secretary / C E O

"87 Years of Glorious Service in the Field of Education"

Ref. No. APSET/1722 /2021-22

March 9, 2022

To  
M/s. Next Element Pvt. Ltd.,  
No.4, 1<sup>st</sup> Cross, 1<sup>st</sup> Main, Sameerapuram,  
Kempegowdanagar, Bangalore-560018.

Sir,

Sub: Approval for renewal of ERP Software to our APS Group of Institutions  
both at N.R.Colony Campus and Somanahalli Campus – reg

With reference to the subject cited above and in continuation to the negotiation on 08/03/2022, the Management, APSET is pleased to issue this Work Order for renewal of ERP Software to our APS Group of Institutions both at N.R.Colony Campus and Somanahalli Campus for a period of 3 years i.e., 2022-23, 2023-24 & 2024-25, with the following rates, terms and conditions as detailed below:-

1. Description of Modules/Features of the Software:-

- |  |                             |               |
|--|-----------------------------|---------------|
| a) Student   | b) Staff                    | c) Attendance |
| d) Fees Module                                     | e) SMS/Texting              |               |
| f) School Calendar Management                      | g) Mobile Staff Application |               |
| h) Mobile Parent Application (Android & iOS-Apple) |                             |               |
| i) User Management                                 | j) Reports                  |               |

2. Rates:-

Sl.No.	No. of Students	Rate Per Student / Per Year	Total
1.	4389 (Provisional)	Rs.60/- per Student inclusive of 18% GST [Rs.5/- per student per month X 12 months]	Rs.2,63,340/-

THE RATE PER STUDENT / PER YEAR I.E., Rs.60/- INCLUSIVE OF GST  
REMAINS THE SAME FOR ALL THE 3 YEARS.

NOTE: The payment will be made on quarterly basis subject to satisfactory service and due certification by all the Head of Institutions of APSET.

Please acknowledge the receipt of this Work Order and renew the above said Software to all the Institutions of APSET with Demo and Training to the Staff. You are also instructed to keep up the assurance of services as mentioned in your quotation.

Thanking you,

for APS Educational Trust,

(A.R.Acharya)  
General Secretary

  
PRINCIPAL

APS College of Arts & Science  
R. Colony, Bangalore-560 019.

Received  




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## Library Management System

The abstract of a **library management system** is one that organizes and saves books' information electronically to meet the needs of students.

Both students and library managers benefit from the system, which allows them to keep track of all of the books available in the library at all times. It allows both the administrator and the student to look for the book they want.

Colleges must now keep a constant eye on the books they issue and return, as well as the transaction records. If this operation is completed manually, it will be time-consuming and prone to errors.

Enabling the system to maintain track of information including the date of borrowing, the date of book return, and even detailed book information eliminates the manual recording of this information and most importantly it reduced the risk of errors.

As a result, this method greatly lowers manual effort and allows for a seamless flow of library activities by eliminating the possibility of errors in the details.

List of Modules:

- **Book Information Recording:** All the information of each books should be recorded into the system to provide the borrowers or the students the book references that they want to borrow.
- **Administrator Login:** The admin login will require the school librarian their username and password to have the main access to the system and secure every information ang transaction done in the system.
- **Users/Borrowers' Login:** This will also require the staff or students their username and password provided when they were registered into the system. Their username and password will serve as their access to the system in terms of borrowing books or inquiring for books.

A handwritten signature in blue ink, appearing to read "Deyan", is written over the printed name "PRINCIPAL".

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LIBRARY MANAGEMENT





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- **Book Monitoring and Updates:** The system should save the borrowers info and the count of books that are borrowed. These records should also be updatable when the books are returned.
- **View and Check Information:** The admin can view and check the books that are borrowed and who were the students that borrowed them. Students can also view their borrowing transactions just like the book information, date of book borrowing and returning.
- **Borrowing Information:** The borrowing information should consist the important details of the borrowers and the books borrowed by each borrowers. This information should also record the day of borrowing as well as the returning of the book.
- **Borrowing Records:** This will record all the transaction made and are stored for a period of time to serve as reference for important matters.

## SOFTWARE AND HARDWARE REQUIREMENTS

This section describes the software and hardware requirements of the system

### SOFTWARE REQUIREMENTS

**Operating system-** Windows 10 is used as the operating system as it is stable and supports more features and is more user friendly.

**Database-** MYSQL-MYSQL is used as database as it easy to maintain and retrieve records by simple queries which are in English language which are easy to understand and easy to write.

**Development tools and Programming language-** PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language.



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LIBRARY MANAGEMENT



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## **DATA FLOW DIAGRAMS DATA FLOW DIAGRAM FOR TEACHER LOGIN**

After entering to the home page of the website , teacher can choose the TEACHER LOGIN option where they are asked to enter username & password , and if he/she is a valid user then a teacher login page will be displayed.

## **DATA FLOW DIAGRAM FOR STUDENT LOGIN**

After entering to the home page of the website , student can choose the STUDENT LOGIN option where they are asked to enter username & password , and if he/she is a valid user then a student login page will be displayed.

## **FUTURE SCOPE**

This provides a computerized version of library management system which will benefit the students as well as the staff of the library. It makes entire process online where student can search books, staff can generate reports and do book transactions. It also has a facility for student login where student can login and can see status of books issued as well request for book or give some suggestions.

Thank you,

A handwritten signature in black ink, appearing to read "Mahesh H.S.", with a checkmark-like flourish at the end.

MAHESH H.S

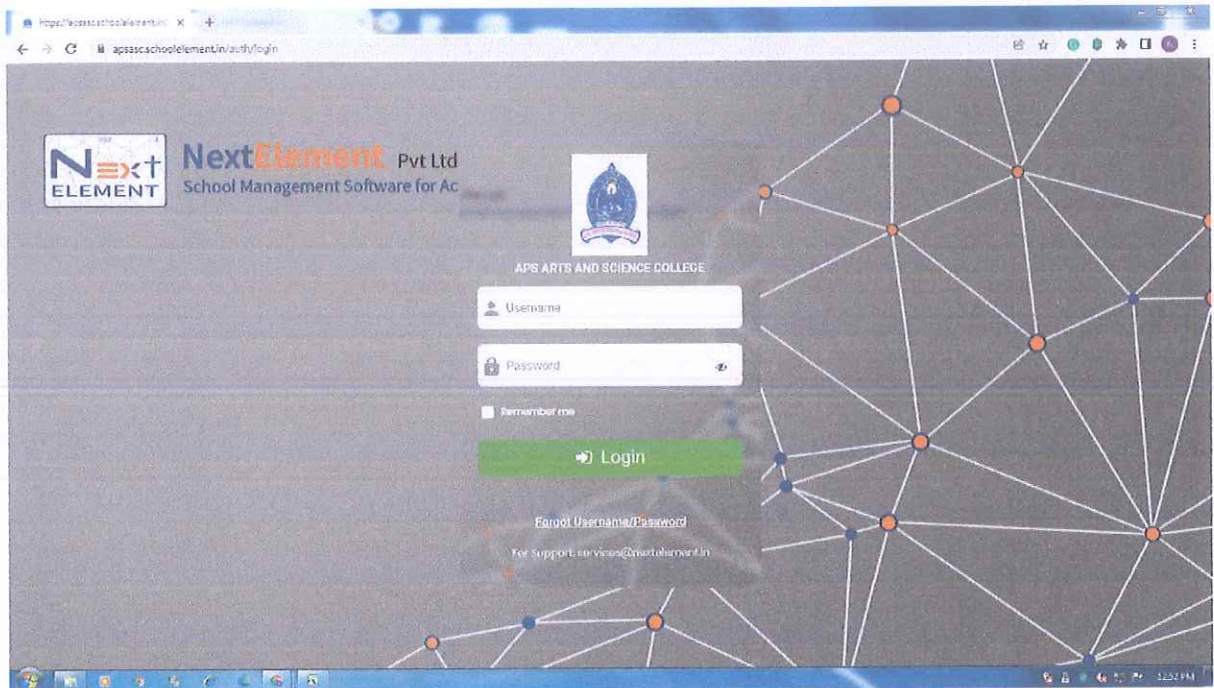
  
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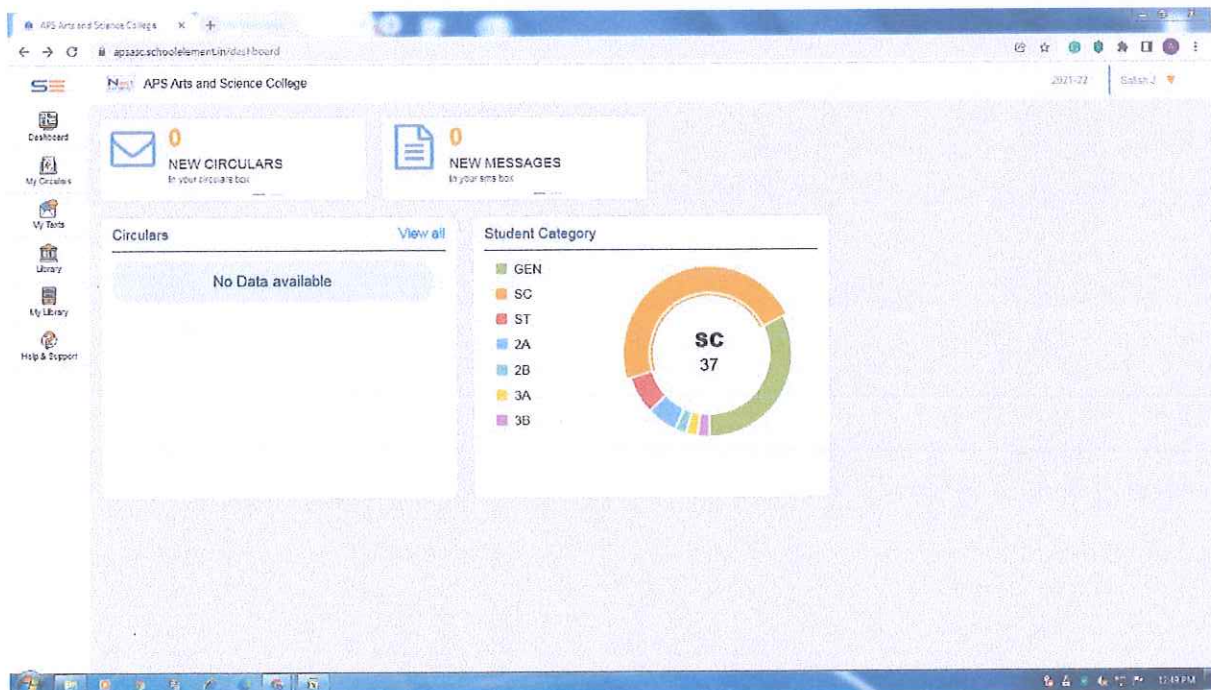


## Screenshot

### Login Page

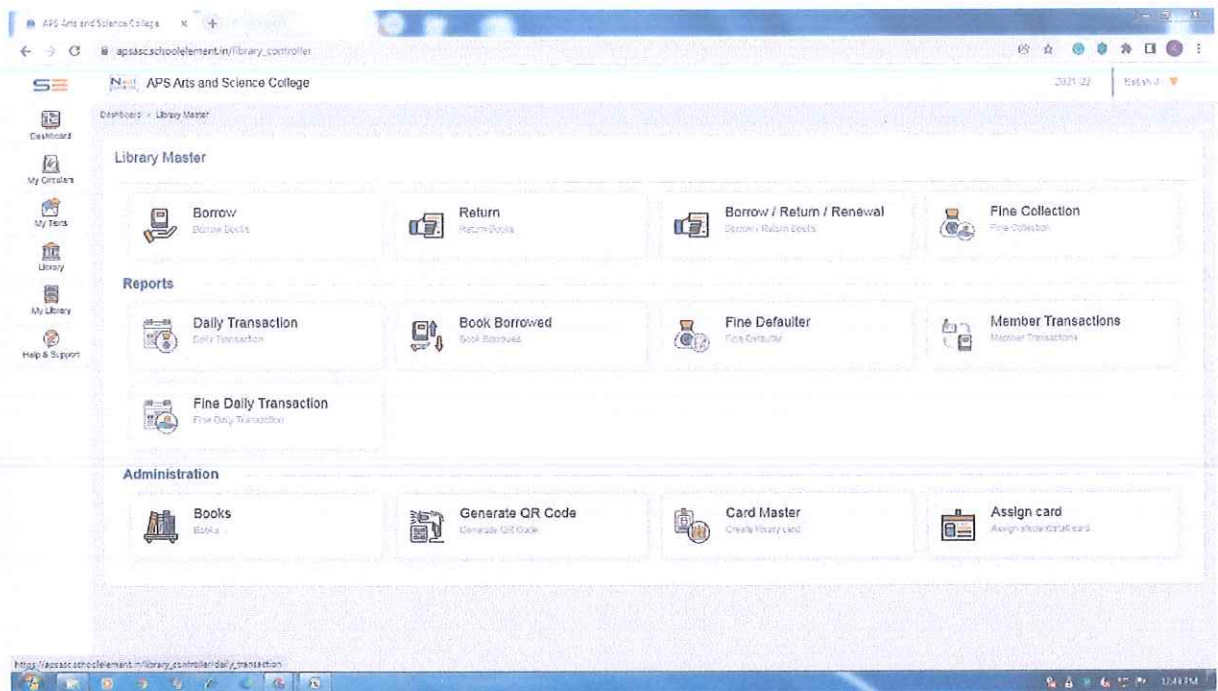


### Home Page

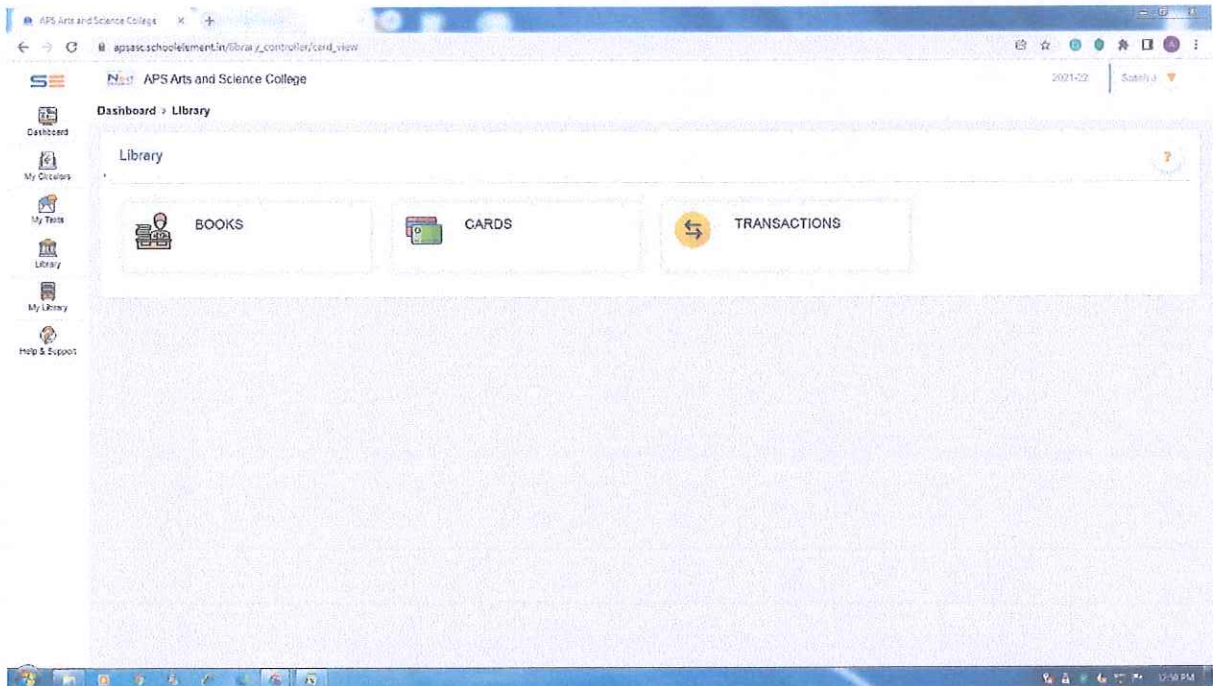


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# Library User Menu



`https://apsascschoolelement.in/library_controller/daily_transaction`



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## Books Menu

#	Title	Type	Author	Publisher	# of copies
1	Modern Practical Botany Vol-1	Issue	Dr. Pandey B.P	S.Chand & Co.	2 of 2
2	College Botany Volume-3	Issue	Prof. Sundara Rajan B	Himalaya Publishing	15 of 15
3	College Botany Volume-1	Issue	Prof. Gundara Rajan B	Himalaya Publishing	15 of 15
4	College Botany Volume-1	Issue	Dr. Pandey B.P	S.Chand & Co.	4 of 4
5	Botany for Degree Students	Issue	Dr. Pandey B.P	S.Chand & Co.	1 of 1
6	Botany 3rd yr B.Sc	Issue	Dr. Pandey B.P	S.Chand & Co.	1 of 1
7	Botany 1st yr B.Sc	Issue	Dr. Pandey B.P	S.Chand & Co.	2 of 2
8	Textbook of Systematic Botany	Issue	Raj Kumar Gupta	Alpha Ram & sons	1 of 1
9	Textbook of Systematic Botany	Issue	Dr.Raj Kumar Gupta	Alpha Ram & sons	1 of 1
10	Textbook of Systematic Botany	Issue	Dr.Raj Kumar Gupta	Alpha Ram & sons	1 of 1
11	Text Book Of Botany	Reference	R. D. Vijayani	S. Chand & Company Ltd	1 of 1
12	Systematic Botany	Reference	R. K. Gupta	Alpha Ram & sons	1 of 1
13	Studies of Botany	Reference	Mora.Guha & Choudhri	Mookil Library	1 of 1

## Borrow Book Page

APSB050001920

- KIRAN BASKARAJA HIREMANI (I B.AA)
- KAUSHUB PRASAD B K (I B.AA)
- KalyASHREE C (I BCAA)
- Kavya J (I BCAA)
- KARTHIK K (I BCAA)
- KRISHNESH G N (I BCAA)
- KARTHIK R (I B.AA)
- KAUSHIK B S (I B.AA)
- KRUTHIKA M R (I B.ScA)
- Kavyasree M (I B.ScA)
- K Abha (I B.ScA)
- Kaduna (I B.ScA)
- Kavyashree N (I B.ScA)
- KOUSALYA (I B.ScA)
- Keerthana J (I B.ScA)
- Kalpana B (I B.AA)
- Kavya (I B.AA)
- KARTHIK B (I B.AA)
- KALPANA R G (I B.AA)
- KADUNA P (I B.AA)
- Kathik B (I B.AA)
- Kavya D (I B.AA)
- Kumar A (I B.AA)
- Kathik K m (I B.AA)
- Kiran (I B.AA)
- Kishori Govardhan Gajanan (I B.AA)
- Karthagamma S (I B.AA)
- Keerthana L (I BCAA)
- Krishnaveni P (I BCAA)
- KRITHAN R (I B.AA)
- KARTHIK S (I B.AA)
- KARAN V (I B.AA)
- Koushik (I B.AA)

*[Handwritten Signature]*

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