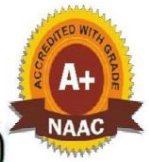




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4.2.1: Library is automated using Integrated Library Management System (ILMS)

Name of the ILMS Software : ECAP (Engineering Colleges Automation Packege)
Nature of Automation : Fully Automated
Version : 1.05
Year of automation : 2014

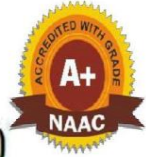

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Library as a Learning Resource

Library is automated using Integrated Library Management System (ILMS)

- a) Scient Library uses ECAP Software developed by M/S Web process Solution Pvt Ltd with spanning over an area of 450 sq.mts
- b) Library Automation is fully automated package where it automates multiple tasks
- c) The software consists of modules on Acquisition Cataloguing, Circulation Serials, Projects and OPAC.
- d) E-CAP Software version is 1.05 and its year of automation 2014.
- e) Library has the Collection of 26366 Volumes and 3780 titles.
- f) Library subscribes 3 online databases like DELNET ,N-DIGITAL ,NDL
- g) Each database consists of 2678 and 911 of e-books and e-journals
- h) Library subscribes around 74 print journals every year
- i) Library offers computerized Catalogue Search Service named Online Public Access Catalogue (OPAC) for user community through the online which allows access of bibliographic details of the books available in the Library
- j) Library subscribes full text e-resources providing access to e-journals and e-books etc with an authenticated IP address ([http:// 192.168.0.245](http://192.168.0.245))
- k) The users can access these e-resources from anywhere in the campus.
- l) Digital library is equipped with 30 desktop systems with internet bandwidth of 100Mbps

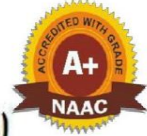

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ILMS BENEFITS

- ❖ Online Access to search library catalogue
- ❖ Library networking facility to the access of library books
- ❖ Title/Author/Subject/Keyword Cataloguing Search
- ❖ Subject wise/Course wise/Branch wise Titles/Volumes lists and statistics
- ❖ Issue/Return reports of library items by Day/Week/Month
- ❖ Reservation of documents through OPAC
- ❖ Requests/Complaints from users through online
- ❖ Burden will be less on library staff
- ❖ Loss of books will be less by bar coding.
- ❖ Document history report
- ❖ Members dues report by monthly
- ❖ Auto generation of e-mail reminders to members on-line
- ❖ Online Catalogue (OPAC)
- ❖ Import and Export of Library database
- ❖ Stock verification by bar-coding
- ❖ Detailed summary of Accession Register
- ❖ Management of Book Bank Books
- ❖ Publisher/Book agency wise books purchase reports
- ❖ Annual Reports of library books and journals purchase
- ❖ Individual users account information

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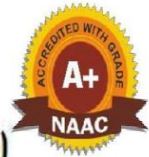


Fig 1 : HOME PAGE OF SOFTWARE

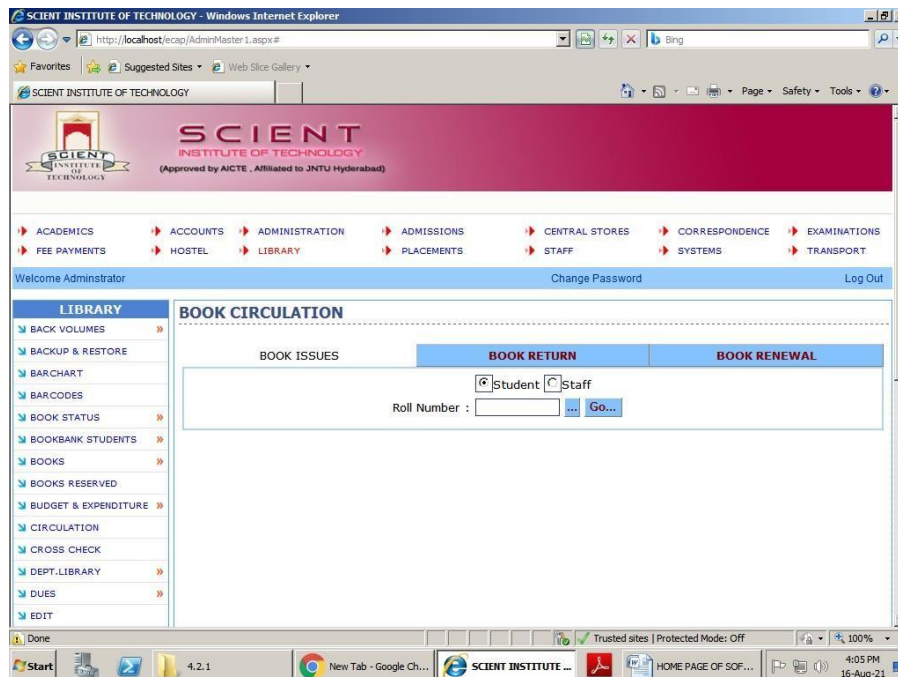



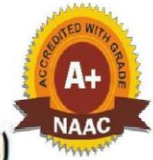
Fig 2 : BOOK CIRCULATION


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ACADEMICS ACCOUNTS ADMINISTRATION ADMISSIONS CENTRAL STORES CORRESPONDENCE EXAMINATIONS
FEE PAYMENTS HOSTEL LIBRARY PLACEMENTS STAFF SYSTEMS TRANSPORT

Welcome Administrator Change Password Log Out

LIBRARY

- BACK VOLUMES
- BACKUP & RESTORE
- BARCHART
- BARCODES
- BOOK STATUS
- BOOKBANK STUDENTS
- BOOKS
- BOOKS RESERVED
- BUDGET & EXPENDITURE
- CIRCULATION
- CROSS CHECK
- DEPT. LIBRARY
- DUES
- EDIT

BOOK CIRCULATION

BOOK ISSUES **BOOK RETURN** BOOK RENEWAL

Student Staff

Roll Number : 20C01A0401 Go... Cancel

Name : AELIMINETI NIKHITHA Course : B.Tech

ELECTRONICS & COMMUNICATIONS ENGINEERING Semester : First Year

Category : General Books Limit : 5

Issue.Date : 16/08/2021

Due.Date : 30/08/2021

Acc No : Go...

SL. NO	ACC. NO	TITLE	AUTHOR(S)	ISSUED DATE	DUE DATE	FINE DAYS AMOUNT	FINE PAYING AMOUNT	ROLL NO	E. CODE	NAME
--------	---------	-------	-----------	-------------	----------	------------------	--------------------	---------	---------	------

Fig 3 : BOOK CIRCULATION ISSUE

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http://localhost/ecap/AdminMaster1.aspx#

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- BACK VOLUMES
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- BOOKS
- BOOKS RESERVED
- BUDGET & EXPENDITURE
- CIRCULATION
- CROSS CHECK
- DEPT. LIBRARY
- DUES
- EDIT

PROJECTS LIST

Batch : 2016

Course : B.Tech

Branch : COMPUTER SCIENCE ENGINEERING Show

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Tel : 08414-223854,22

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
FINAL YEAR APPROVED PROJECTS Batch :2016

Batch.No	Name of the student	Regd.No	Project Title	Internal Guide
	Abdul khader	16C01A0501		

Fig 4 : PROJECT LIST

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The screenshot shows the OPAC interface with a table of books. The table has columns for SL.NO, EDITION, VOLUME, YEAR, TOTAL PAGES, PUBLISHER, and AUTHOR. There are four rows of data.

SL.NO	EDITION	VOLUME	YEAR	TOTAL PAGES	PUBLISHER	AUTHOR	
1	1		2007	136	HYD & OL	ABDUL KALAM	Details
2	1		2007	136	HYD&UNIVERSITY PRESS	ABDUL KALAM	Details
3	1		2007	136	HYD&UNIVERSITY PRESS	ABDUL KALAM	Details
4	2		2007	1071	NEWDELHI&TMH	ABDUL KALAM	Details

Fig 5 :OPAC (Online Public Access Catalogue)

The screenshot shows the OPAC interface with the search dropdown menu open. The dropdown menu lists search criteria: Title, Author, Accession No, Class No, Publisher, ISBN, Journal, Magazine, and Project.

Fig 6 : OPAC (Online Public Access Catalogue)

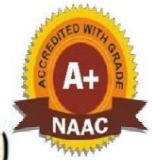

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Tel : 08414-223854,22

LIBRARY TRANSACTIONS ON 15/07/2021

STUDENTS ISSUES

Sl.No	Acc.No	Title	Author(s)	Roll.No	Student Name	Semester, Branch
1	21056	HTML Black Book	Holzner Sreten	18C01A0509	BADHAVATH RAJENDHAR	3/4 Semester-1, CSE
2	13474	Engineering Mathematics - 1	Sankaraiah C DR	20C01A05B2	VUPPULA LKITHA REDDY	First Year, CSE
3	13482	Engineering Mathematics - 1	Sankaraiah C DR	20C01A05B0	VISAVARAM NAVYA	First Year, CSE
4	20318	Engineering Drawing	Bhatt N D	20C01A05A8	VEMU PRANITHA	First Year, CSE

Fig 7 : Day Transactions

Acc.No : 25012 Add to list


ACC.NO	TITLE	AUTHOR	PUBLISHER	CALL.NO
--------	-------	--------	-----------	---------

Department : COMPUTER SCIENCE ENGINEERING

Date : 16/08/2021

Issue Clear

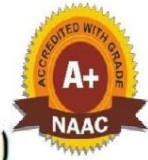
Fig 8 : Department Library


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The screenshot shows a web browser window displaying the library management system. The search results table is as follows:


TITLE	AUTHOR	BOOK TYPE	RACK.NO	SUB-RACK.NO	AVAILBLE
Principles Of Electromagnetics	Sadiku Matthew	Issue			YES

Fig 9 : Search By Accession No

The screenshot shows the 'BOOK UPDATION' form. The details entered are:

- Acc.No: 25000
- Title: Principles Of Electromagnetics
- Subject: A Course In Electrical And Electronic Measurements
- Department: ELECTRICAL AND ELECTRONIC ENGINEERING
- Author: Sadiku Matthew
- Publisher: Oxford & New Delhi

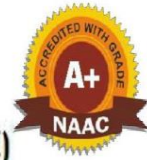
Fig 10 : Book Updation


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LIBRARY HISTORY

Accession No Student Staff

Acc.No: 25000 Show

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 Tel : 08414-223854,22

ACCESSION (25000) HISTORY

SlNo	MemberId	Name	Title	Issue.Date	Due Date	Return.Date
1	20C05A0227	NERALLA SHIVA PRASAD	Principles Of Electromagnetics	10/02/2021	-	20/03/2021

Fig 11 : History of Book

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LIBRARY LIBRARY RULES

ISSUE TICKETS

Course Designation Student

Course : -Select-

Issue Tickets : 5

Reference Tickets :

Bookbank : 8

Social Welfare : 8


Save Cancel

COURSE	GENERAL	ISSUE TICKETS	BOOKBANK	SOCIAL WELFARE	REFERENCE.TICKETS	
B.Tech	5	3	0	0	0	Edit Delete
MCA	2	0	0	0	0	Edit Delete
MBA	2	0	0	0	0	Edit Delete
M.Tech	2	0	0	0	0	Edit Delete

LIBRARY FINES

No Of Renewals : 0
 Lending Period : 14 Days
 First Fine Period : 14 Days
 First Period Fine : 1
 Second Fine Period : 14 Days
 Second Period Fine : 2
 Above 14 Days : 2

Fig 12 : Library rules


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