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

ACADEMIC YEAR	Name of the ILMS software	Nature of automation (fully or partially)	Version
2014-2015	NEW GEN LIB	FULLY	3.1.1
2015-2016	NEW GEN LIB	FULLY	3.1.2
2016-2017	NEW GEN LIB	FULLY	3 .1.3
2017-2018	NEW GEN LIB	FULLY	3.1.4
2018-2019	NEW GEN LIB	FULLY	3.1.4
2019-20	NEW GEN LIB	FULLY	3.2
2020-21	NEW GEN LIB	FULLY	3.2

Description

NewGenLib is a fully web based integrated library management software that runs on distributed computers through a network or server. It can also run on local area networks without access to the Internet. NewGenLib supports following major international standards for better interoperability. NewGenLib is a complete solution for libraries. It is a unique combination of a library automation software, digital library software and a database search facilitator. With its version 3.1.1 users can not only search library catalogue, but also search various databases subscribed by the library and some open access databases at a single click. NewGenLib is based on Client- Server technology for managing library functions and creating digital library where as its Online Public Access Catalogue is accessible through the Web. NewGenLib is compatible with International standards such as MARC 21 for bibliographic description, ISBD, OAI-PMH Protocol, Z 39.50 Protocol, Dublin Core, Unicode, and many more. It uses Java technology, PostgreSQL for the database, and Apache for Web server. NewGenLib unlike Koha is a platform independent software which turns it more beneficial for the user who are not well verse with Linux. It has five main modules, i.e. technical processing (cataloguing), circulation, acquisitions serial management, and OPAC besides administration, queries and reports.

FEATURES OF NEWGENLIB 3.1.1

Verus solutions provides a detailed list of features on their website as followings. Completely web-based application with Java technology. Compatible with international standards such as MARC 21, MARC-SML, Z39.50,. SRU/W, OAI-PMH All supported software applications are free or open source Scalable, manageable and efficientCompatible to run on any version of



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Window (except window 95, 98 and 2000) and Linux. Z39.50 Client for federated searching Internationalized application (I18N) Automated email/instant messaging is integrated in different function of software• Form and letter can be configured to save time• Extensive use of parameters to enable easy configuration of the software to suit specific• needs Allows digital attachment to metadata. Enables users to search online databases through OPAC• Self-issue return is enabled that save the time of the user and labour of the library.

VARIOUS MODULES

Acquisition: The acquisition module provides a complete solution for acquisition process in a library. This module facilitates to invite quotation from vendors too. If users of the library make requests for new purchase through OPAC they reflect in the acquisition modules request menu. Moreover, NewGenLib is compatible with Z39.5 protocol for searching and import bibliographic records that help to import the bibliographic records from other libraries. It saves a lot of time of the library in cataloguing.

Cataloguing: cataloguing is done under the MARC 21 standard. NewGenLibhas already createdsome templates that have simplified the MARC highly. One can easily identify the template and based on the given field cataloguing can be done. These pre designed templates are for cataloguing of book, journal, patent, non-book material, book chapter, journal article, newspaper, etc. One can also attach a digital document to a bibliographical record that converts the OPAC to a digital library. This module facilitates to search the catalogue through the default search index and enable administrator to create his/her own search index.

Circulation: Besides very well-known function of circulation services such as issue, return, renew, reservation, Inter-library loan this module also provides many other facilities. This module covers Binding management module that is useful when books are removed for binding and are not be available for circulation. It also has the facility to recall an issued item back in urgent circumstances. NewGenLib provides self-check-in, self-check-out facilities that is managed and verified from circulation module. In case an item is lost or need to be weeded out, circulation also manages these functions also. NewGenLib also provides facility of collecting the overdue on a book in later stages. As NewGenLibis integrated with RFID and Barcoding facilities, circulation functionalities can be integrated with the same that saves a lot of time of the library to enter the user ID and the book accession number manually.



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On each circulation NewGenLib automatically sends and email to the user to notify him/her about the circulation. In case of an overdue book, it also sends overdue notices to the users. Version 3.1.1 has added a new feature to record the uses of books of reference section and books which cannot be issued under general circulation. In short reference section can also use and record uses of reference material. Serial Management: NewGenLib provides a complete solution for acquisition, cataloguing and management of serials. Serial management is one of the very difficult function of a library that is very well handled by NewGenLib. It provides a complete set of functions right from adding new subscriptions to archiving through bound volumes. One can add the complete list of approved serials for subscription, raise orders for these serials, or cancel any order and re-order any cancelled order, receives receipts and process advanced payments, receive serial issues, manage out-of receipt issues as well as delayed issues. This module also provides functionality to add supplements, indexes received with primary issues, so that the library does not get confused between the number of primary issues and supplements. If the library wants to get old serials volumes bound together, a complete workflow is available in NewGenLib for smooth binding process. In addition to this, the librarian can also create a list of serials which library wishes to renew, this reduces workload of the librarian at the time of serials subscription. For displaying the holding of library in the OPAC, NewGenLib uses Z39.76 protocol that is a standard protocol for the serial display.

Web OPAC: OPAC is an essential element of any ILS software. In the age of Google users expect their library's OPAC to compete with search engines, though typically it is not possible for a standalone library to offer wide information through its OPAC. But there are many other features, where an OPAC can compete with a search engine. NewGenLib has advanced its OPAC by facilitating the library to attach a full text document. Version 3.2 of NewGenLib provides many facilities for the users of library, i.e. RSS widget, where libraries can offer an RSS feed from any website; export report, users can export any bibliographic record in several formats to their desktop or can take a print of it or mail it to anybody; it also provides information on users SDIprofile.

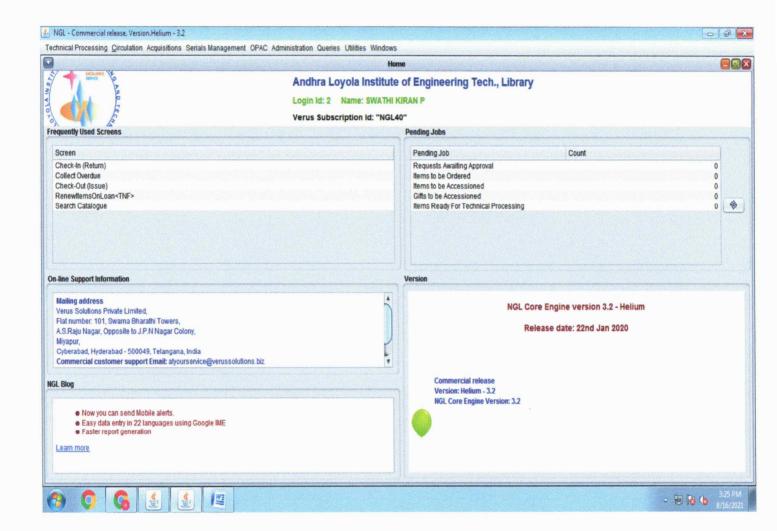
CONCLUSION

With the help of high level of technology and international standards NewGenLib in a very short period of time has earned fame as sustainable open source software for library automation. It is advisable to library professionals who are looking forwards for library automation software may adopt NewGenLib ILS to automate their libraries.



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Screenshots of the Various Modules of NewGenLib Software:



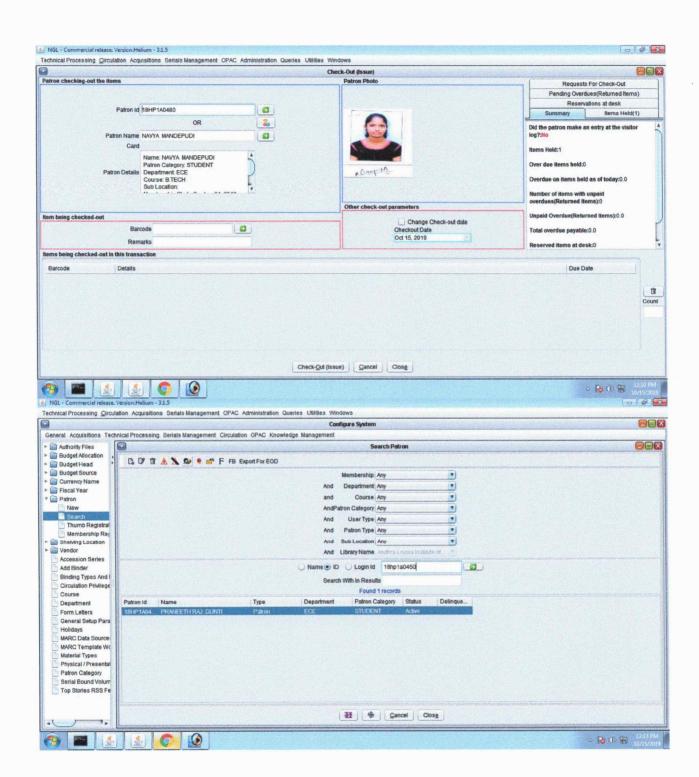


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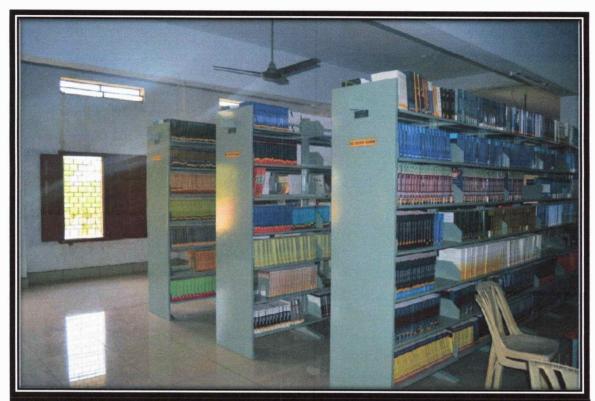


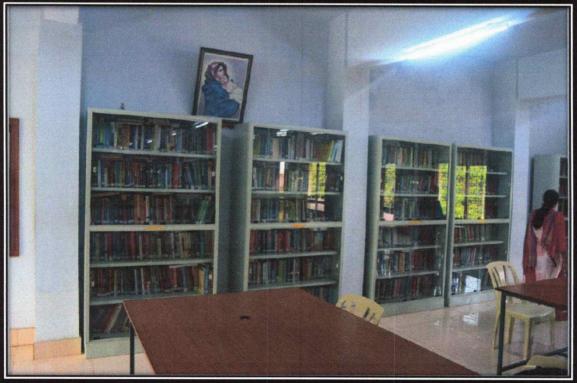
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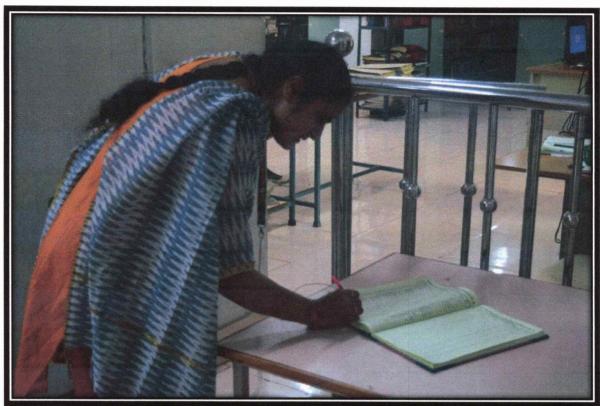
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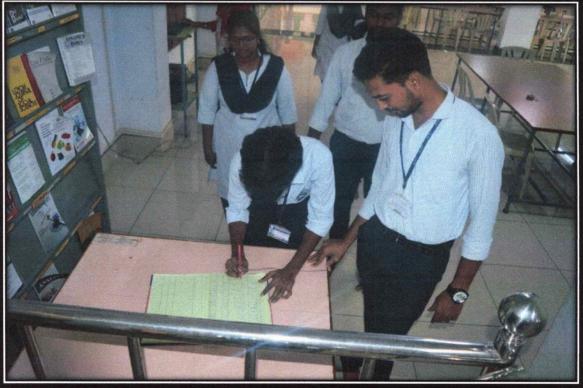






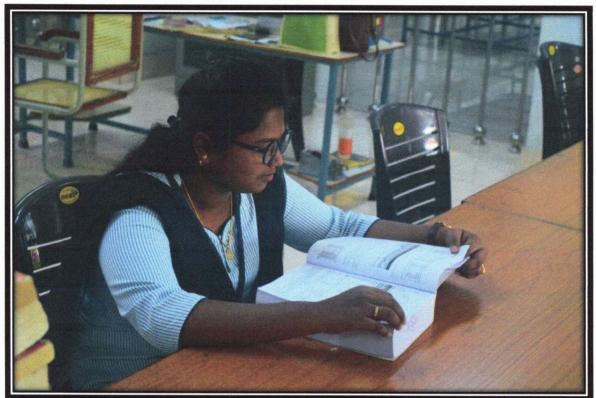
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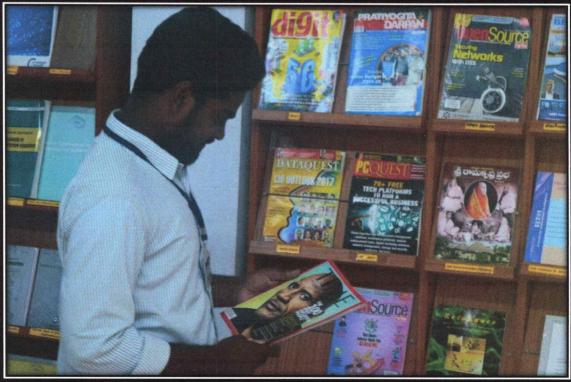






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User orientation programme on ASME & ASCE (e-journals)

GIST(Global information System Technology) conducted Training Program on ASME & ASCE (e-Journals) for Librarians and faculty who are under JNTUK consortium on September 8th2017 in our college.





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User orientation programme on Science direct e-journals

A Training session on Science Direct e-journals by product trainer from Elsevier India was conducted on 4thDecember 2017 for students and staff of our college.





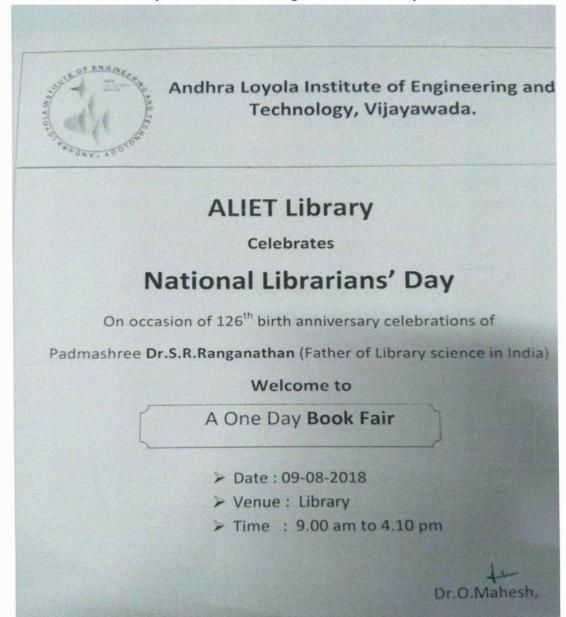


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National Librarian's Day

On the occasion of 126thbirth anniversary of PadmashreeDr.S.R.Ranganathan(Father of library science in India) which is celebrated as National Librarian's day ALIET Library organized a one day Book Fair on 9thAugust 2018 at Library.



Principal



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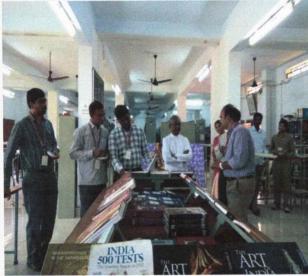
















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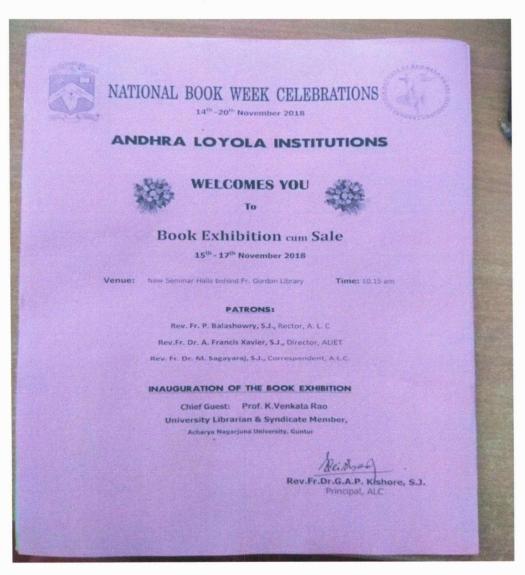


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National Library Week

Andhra Loyola college and Andhra Loyola Institute of Engineering and Technology collaboratively conducted National book week celebrations from 14thNovember to 20thNovember 2018.Part of this celebrations we organized a Book Exhibition cum Sales from 15th-17thNovember 2018.Students and staff visited the Book Exhibition and benefited by purchasing good books.





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Book expo begins

SPECIAL CORRESPONDENT VIVJAYAWADA

K. Venkat Rao, librarian and syndicate member, Acharya Nagarjuna University, Guntur, inaugurated a three-day book exhibition-cum-sale at Fr. Gordon Library of Andhra Loyola College on Thursday. Speaking on the occasion, he said book exhibitions promoted reading habit among students and helped them enhance their personality traits.

College Rector Fr. P. Ba-

lashowry, Director of Andhra Loyola Institute of Engineering and Technology A. Francis Xavier, Correspondent, ALC, M. Sagayaraj and Principal G.A.P. Kishore encouraged students to take to book-reading habit. ALC librarian G.A. Prasad Rao introduced publishers from Chennai, Hyderabad and Vijayawada and Fr. Rex Angelo made the first purchase at the expo. Many students bought books of their choice kept in two separate halls.



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Guest Lecture

Library organized a Guest Lecture on "Utilization of e-resources and open access" on 22^{nd} February 2019 from 2.00 pm to 4.00 pm at south seminar hall. Dr.Y.SrinivasaRao, Librarian of School of planning and Architecture, Vijayawada was the resource person. Our Students and staff were benefited by knowing about e-resources.





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REGION The Hindu 23-2-2019

Students told to use e-resources

'Libraries redesigned to support academics through IT'

SPECIAL CORRESPONDENT

Y. Srinivasa Rao, deputy li-brarian, School of Planning and Architecture, Vijayawa-da, on Friday urged students

Delivering a guest lecture organised by the Depart-ment of Library and Information Sciences, Andhra Loyola Institute of Engineering and Technology (ALIET), Mr. Rao underscored the need to build intellectual creations to make the nation rich, innovative and compet-itive. Pointing to the fact that libraries were hub of knowledge resources and the 'heart of a university', he said they route a fundamental path for change in the academic system.

He said as facilitators, libraries made a strategy for supporting the academic vision to the said as facilitation of the said the said the said as facilitation of the said the said the said the said the said as facilitation of the said as faci

sion towards creation of world class university system'

tem'.

He said libraries were redesigned to support academic system in production of new knowledge, products, processes and services through IT services.

Later, interacting with the participants on 'open ac-

cess', he said it was important because it benefited
everyone, from researchers
whose work benefited
through increased collaboration and sharing to communities who benefited
from the accelerated pace of
discovery. He also threw
light on the types of open access, i.e. green, gold and
hybrid.

Director Rev. A. Francis
Xavier and principal O. Ma-



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National Library Week

Andhra Loyola college and Andhra Loyola Institute of Engineering and Technology collaboratively conducted National Library week celebrations and 150th Birth Anniversary of Mahatma Gandhi on 25th November 2019.On this occasion, we arranged a book exhibition on special collections of Mahatma Gandhi .Students and staff visited the Book Exhibition and benefited by purchasing good books.



Andhra Loyola Institute of Engineering & Technology

Vijayawada.

Dt. 22-11-2019

Circular

Dear Staff and students,

This is to inform all the students and staff that our library is going to conduct National Library week celebrations and 150th Birth Ann versary of Mahatma Gandhi.

On the occasion, we are organizing a book exhibition on special collection of Mahatma Gandhi.

• Date :

25-11-2019

Time :

9.00 am to 6.00 pm

Venue :

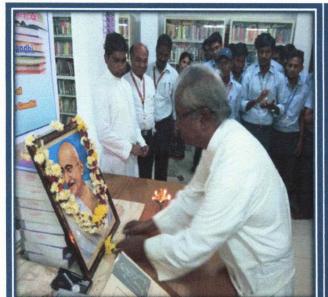
Library

All the staff and students are invited to visit the book exhibition and make it a grand success.

Principal



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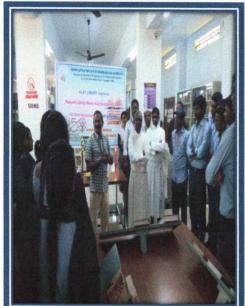






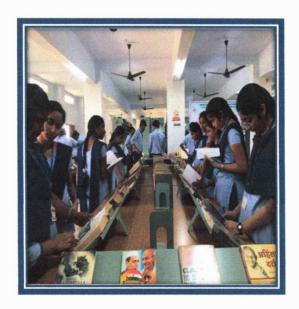


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National Library Week

Andhra Loyola college and Andhra Loyola Institute of Engineering and Technology collaboratively conducted The library conducted an elocution competition for students on the occasion of National Library week celebrations 2019 and on the occasion of 150th Birth Anniversary celebration of Mahatma Gandhi on 23rd November 2019



Andhra Loyola Institute of Engineering & Technology

Vijayawada.

Dt. 21-11-2019

Circular

This is to inform all the students that our library is going to conduct an **elocution competition** on the occasion of National Library week celebrations 2019.

Topic: Role of Mahatma Gandhi to promote values of leadership.
 (on the occasion of 150th Birth Anniversary of Mahatma Gandhi)

Date : 23-11-2019

Time : 3.30pm to 4.30pm

 Judging parameters: Content, Language and presentation skills (Duration: 3 to 5 mints.)

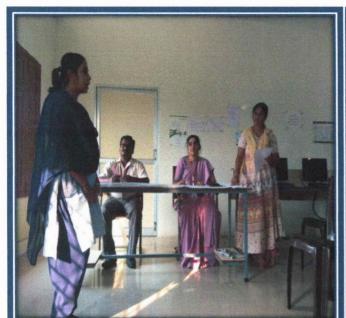
Top 3 winners will be awarded on 25/11/2019

Students who are interested can enroll their names in the library.

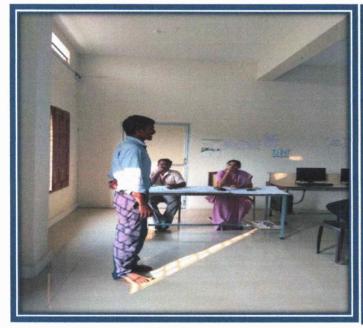
Principal



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National Librarians' day

Andhra Loyola college and Andhra Loyola Institute of Engineering and Technology collaboratively the library organizeda **One Day Book Fair** on 13th August 2019 at Library on the occasion of **National Librarians' day** celebrations i.e. 127th Birth Anniversary of PadmashreeDr.S.R.Ranganathan, Father of Library Science. Inauguration was held on the morning at 9.30am.And also conducted a Short essay writing competition on 9th August 2019 under the celebrations of National Librarians' day event.Top four winners of essay writing competition and five **Best Library Users of 2019** were awarded with good books.

Andhra Loyola Institute of Engineering Technology,

Vijayawada.

Dt: 09-08-2019.

Circular

Library will organize a **one day book fair** at library on occasion of 127th Birth Anniversary celebrations of Padmashree **Dr. S.R.Ranganathan,** Father of Library Science in India.

Date

13-08-2019.

Time

9 a.m to 6.00 p.m.

Venue

Library

All the staff and students are invited to visit the book fair and make it a grand success.

Principal



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Andhra Loyola Institute of Engineering & Technology

Vijayawada.

Dt 7 08 7019

Circular

This is to inform all the students that our library is going to conduct a **short essay writing competition** on the occasion of National Librarians' day that is celebrated in honor of the birth anniversary of Padmashree Dr.S.R.Ranganathan, Father of library science in India.

- Topic: My Favorite book (Fiction, Non-Fiction, Biographies and Autobiographies)
- Judging parameters: Creativity, Language and Sequence (within 250-350 words)
- Top 3 winners will be awarded on 13/08/2019

Date :

9-8-2019

> Time :

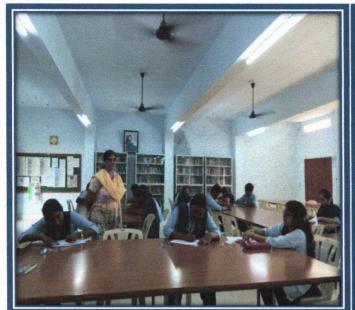
4.30pm to 5.30pm

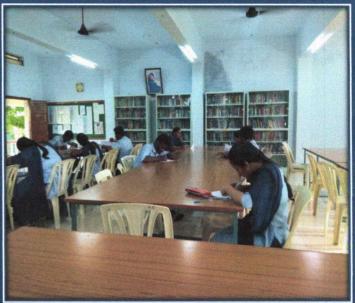
Students who are interested can enroll their names in the library.

Principal



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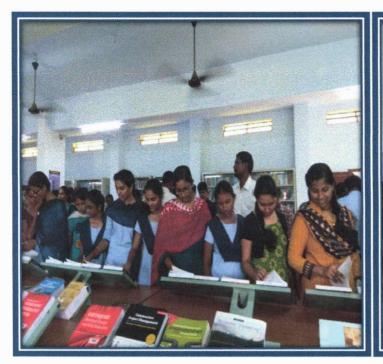


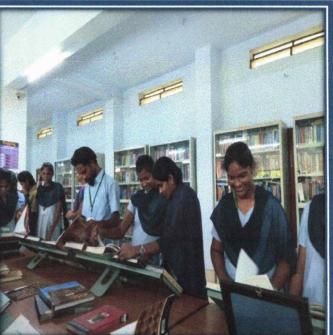






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On the occasion of National Librarians' Day on 12th August 2020 we paid our tribute to Dr.S.R.Ranganathan, Father of library science.







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Circular

Andhra Loyola Institute of Engineering & Technology, Vijayawada.

Dt.: 10-08-2020

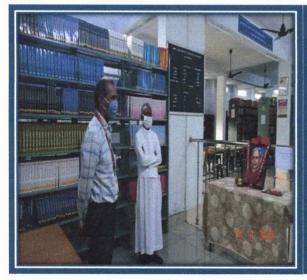
Circular

ALIET Library is going to celebrate National Librarians' Day on 12th August 2020 in memory of 128th birth anniversary of Padmashree Dr.S.R.Ranganathan, Father of Library science in India.

Due to COVID-19 situation and to maintain the COVID-19 protocol we request all the staff and students to pay tribute to Padmashree Dr.S.R.Ranganathan on 12th August 2020 being at your premises.

Principal

On the occasion of National Library week celebrations this year i.e. on 18th November 2020 we started our Library Google site: https://sites.google.com/view/alietlibrary

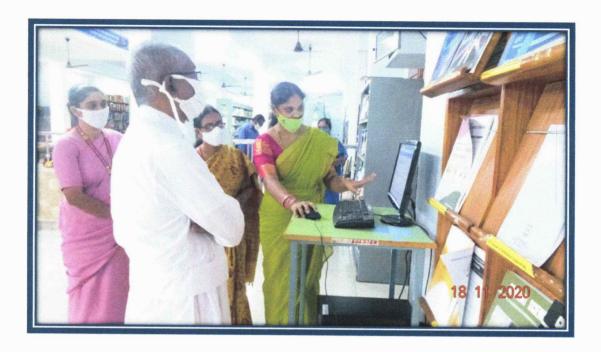






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Andhra Loyola Institute of Engineering & Technology, Vijayawada.

Dt.: 16-11-2020

Circular

Library is going to celebrate National Library week on 18th November 2020 following the COVID-19 protocol.

On the occasion of National Library week, Library is going to launch a new Google site "ALIET LIBRARY" on 18th November 2020.

All the staff and students are requested to make use of this facility to know better about our Library resources and services.

Principal

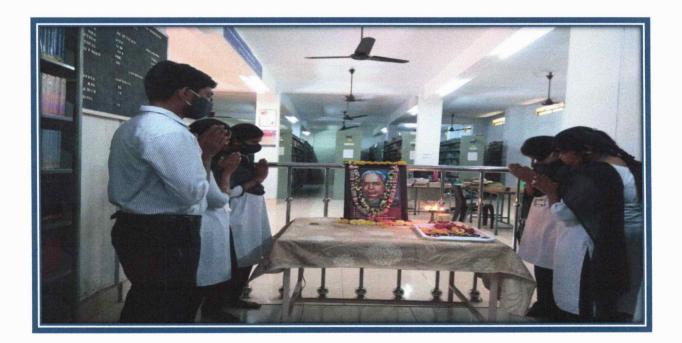


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ALIET LIBRARY celebrated National librarians' Day on 12th August 2021.On this occasion we paid tribute to Dr.S.R.Ranganathan,Father of Library science in India.We organized essay writing competition for 1st and 2nd year B.Tech students









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Andhra Loyola Institute of Engineering & Technology, Vijayawada.

Dt.: 12-08-2021

Circular

The library is going to organize National Librarians' Day in memory of the 129th birth anniversary of Padmashree Dr.S.R.Ranganathan, Father of Library science in India on 12th August 2021.

On this occasion, the Library is going to conduct an essay writing competition for B.Tech students

Topic

: The Role of Library for career Enhancement

Note

: Essay should be submitted in a soft copy either in

PDF or word format to alietlibrary@gmail.com with a

minimum of 500 words.

Last date to submission: 13th August 2021

We request all the HoDs to send this information to the student whatsapp groups and motivate them to take active participation in the competition.

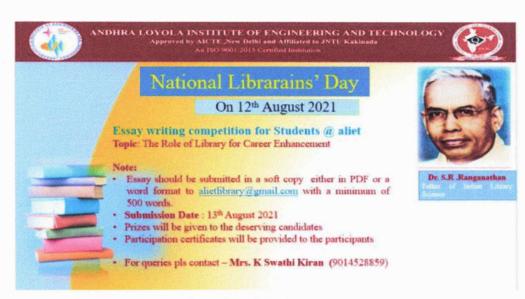
- Prizes will be given to the deserving candidates
- * Participation certificates will be provided to the participants
- For queries please contact- Mrs. K. Swathi Kiran (9014528859)

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Results of the Event

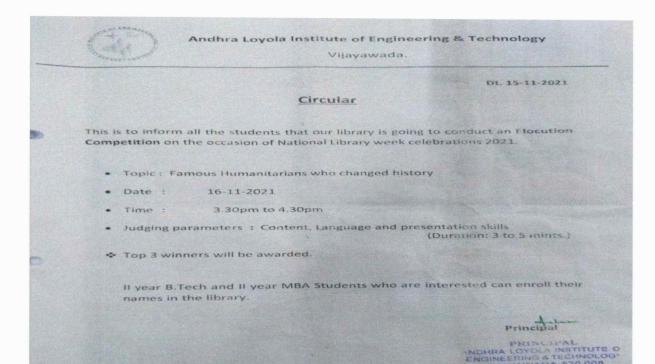
Name of the Event	Topic	Winners
Essay Writing Competition	The Role of Library for career Enhancement	1st Prize G. Sai Leela – 20HP1A0565 CSE – 1st Year M. Teja – 20HP1A0338 Mech – 1st year
do-	-do-	2 nd Prize Ch. Bharath Krishna – 19HP1A0433 ECE -2 nd Year
do-	do-	3 rd Prize M. A Lekhya – 19HP1A0468 ECE – 2 nd Year



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Elocution competition







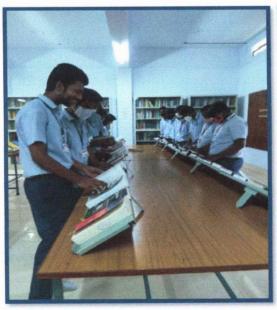


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Book Exhibition









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Guest Talk



Andhra Loyola Institute of Engineering Technology. Vijayawada - 520008.

Dt 18-11-2021

Circular

There will be a Guest Talk on Personality development through reading good books by Sri.Ravi Ramesh Babu, the president of Amaravathi Runners and Philanthropist.

Timings : 10.00Am to 11,00 Am

Date : 20th November 2021

Venue : Library

All the HODs are requested to send students of second year, to create among students in reading good books.

