

Application of Electronic Resource Management (ERM) to E- Journals: The IUCAA library experience

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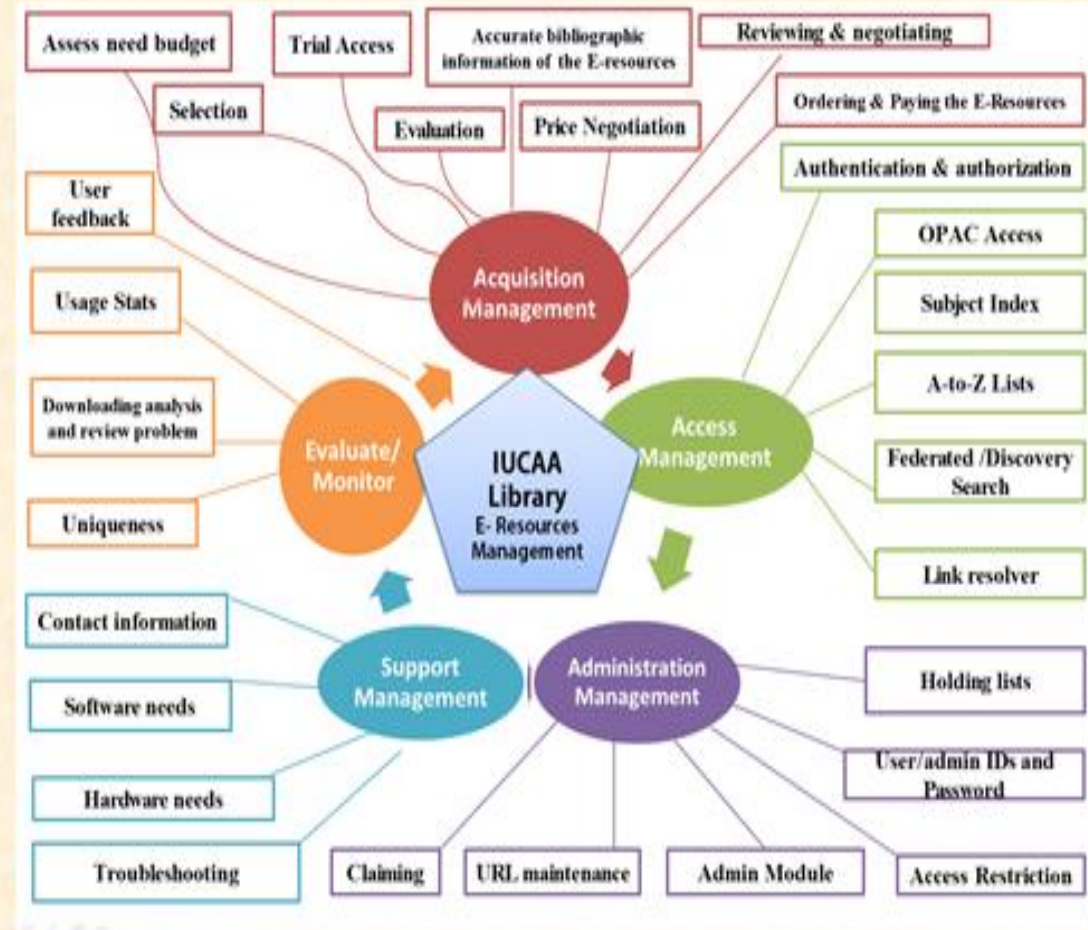
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Abstract

- Present the experience of application of ERM to e Journals in the IUCAA library through the five facets namely Acquisition, Access, Administration, Support and Evaluation & Monitor Management with modified **Pesch's E-Resource Life cycle**.
- Also attempts to evaluate the usage pattern of electronic resources subscribed by the IUCAA library, Pune, and e-resources made available under the E Shodh Sindhu program,
- Where the user community takes the opportunities to make the best use of e-resources provided by the library.



E-Resources Management at IUCAA Library based on model "Electronic Resource Life Cycle" (Pesch, 2009)

Outline of the Presentation

- Introduction
- About IUCAA
- IUCAA Library, its infrastructures, Collections & Services
- Purpose, Scope and limitations of the Study
- ERM & its five components with its implication in IUCAA Library
- Usage Statistics of E-Journals/E-Resources
- Users feedback
- Role of Librarian in the E-Resources Management
- Summary and References used in the study

Introduction:

Importance of E- Resources Management in the Library



Inter-University Centre for Astronomy and Astrophysics, Pune, India

- ❑ About IUCAA in brief
- ❑ Mission
- ❑ Organization

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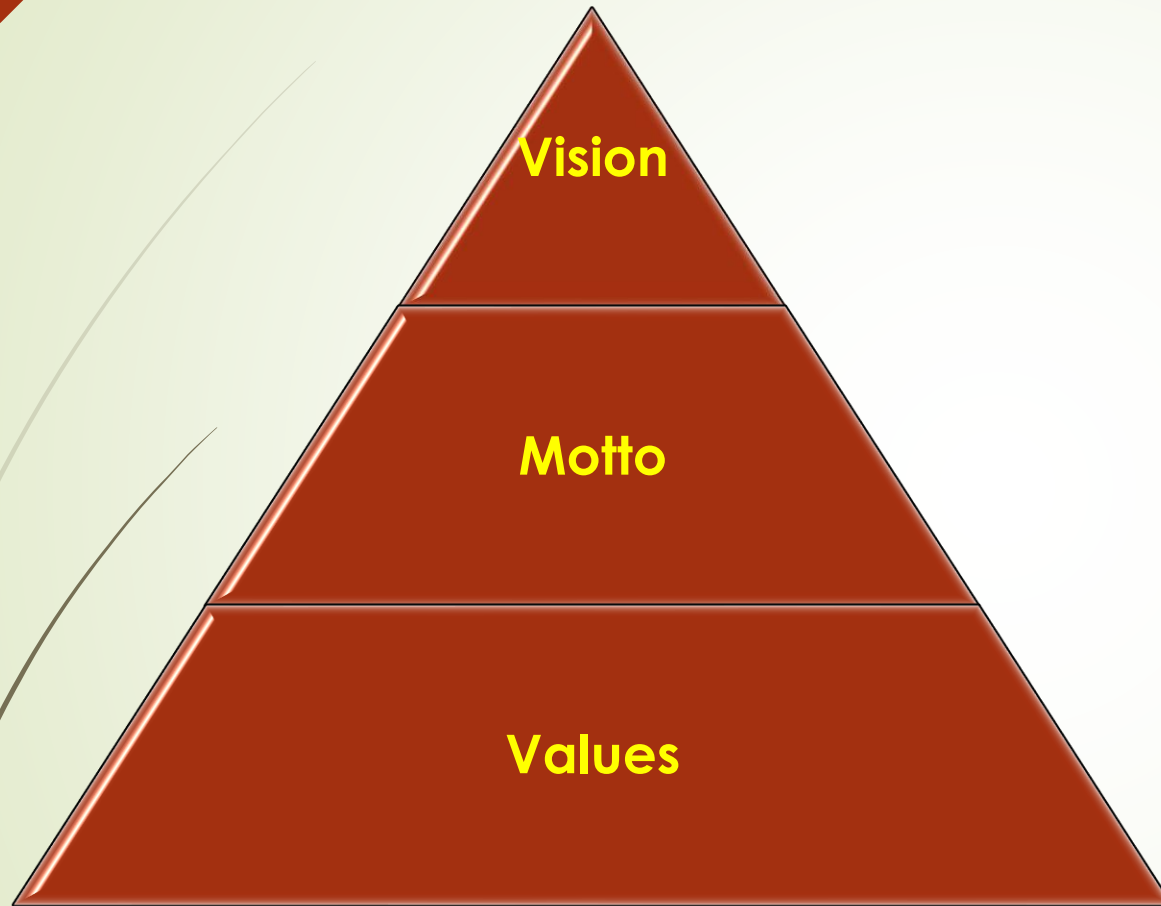


IUCAA Library Facilities

- **Circulations & Access of E-Resources**
- **Study Carrels**
- **A/C Reading Zone with WiFi**
- **Space for Discussion**
- **Xerox and Printing facilities**



At IUCAA Library



- **Integrity**
- **Relationship**
- **Team Work**
- **Dedication**

Excellent permanent facility for scientists and technologist
to enhance reading and study culture for R&D

IUCAA Library: Collections & Infrastructures

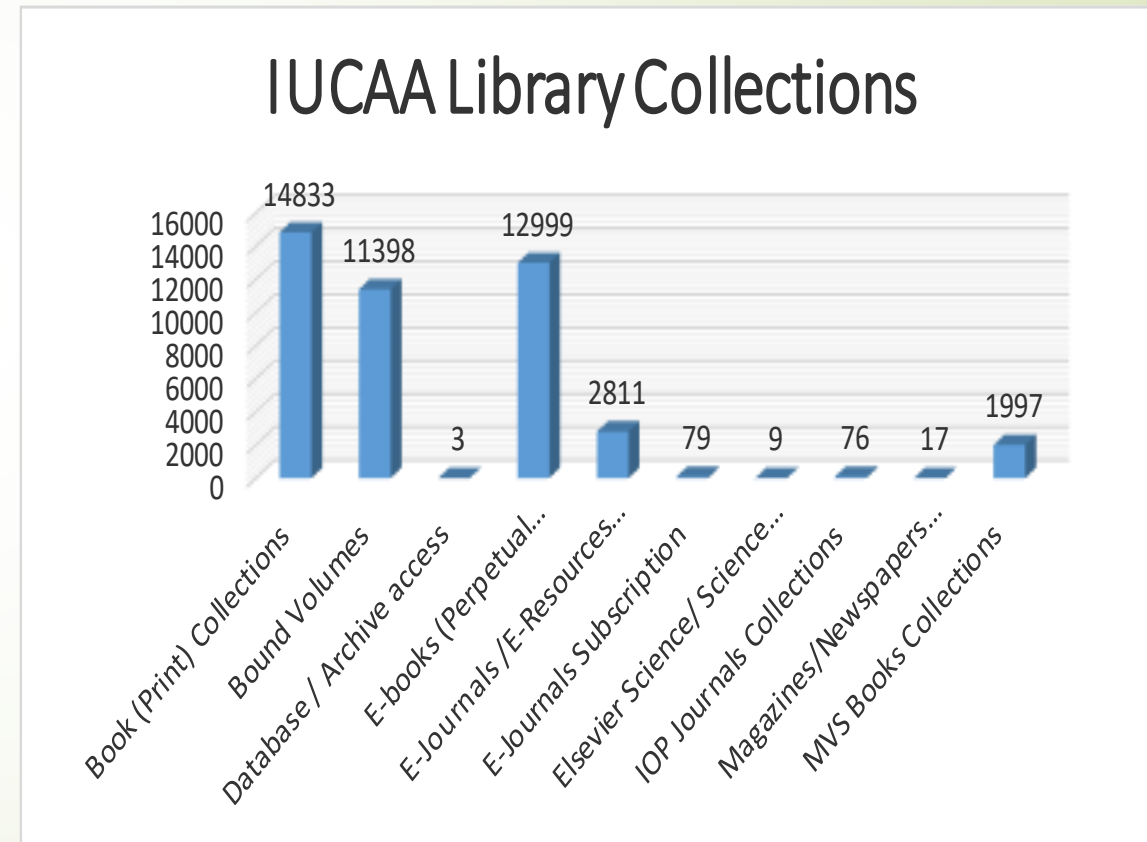
Library Automation & its Infrastructure

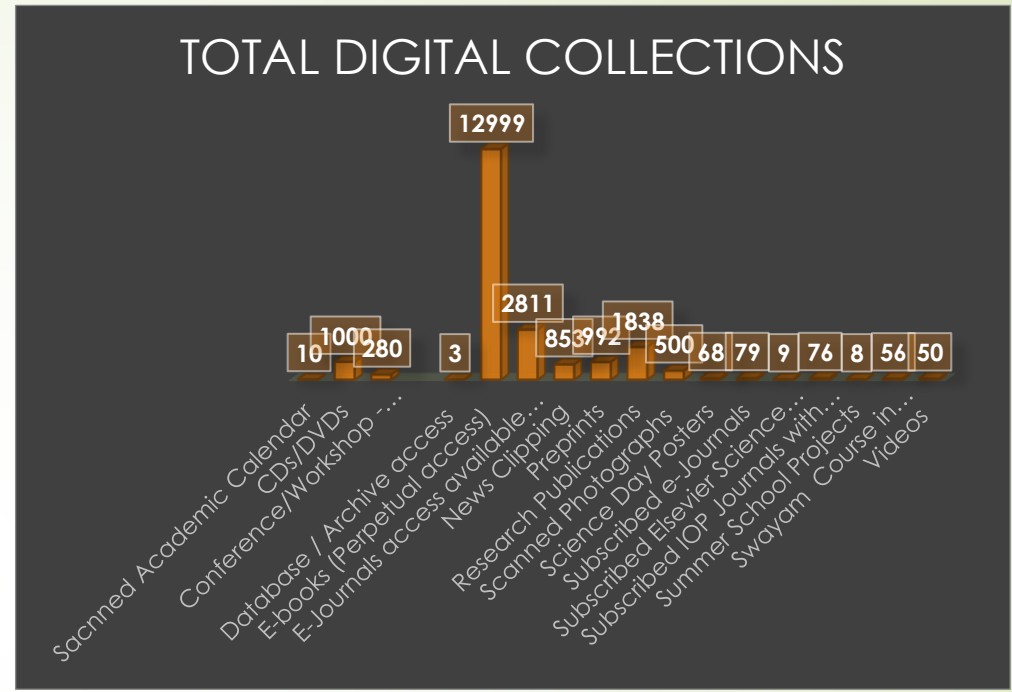
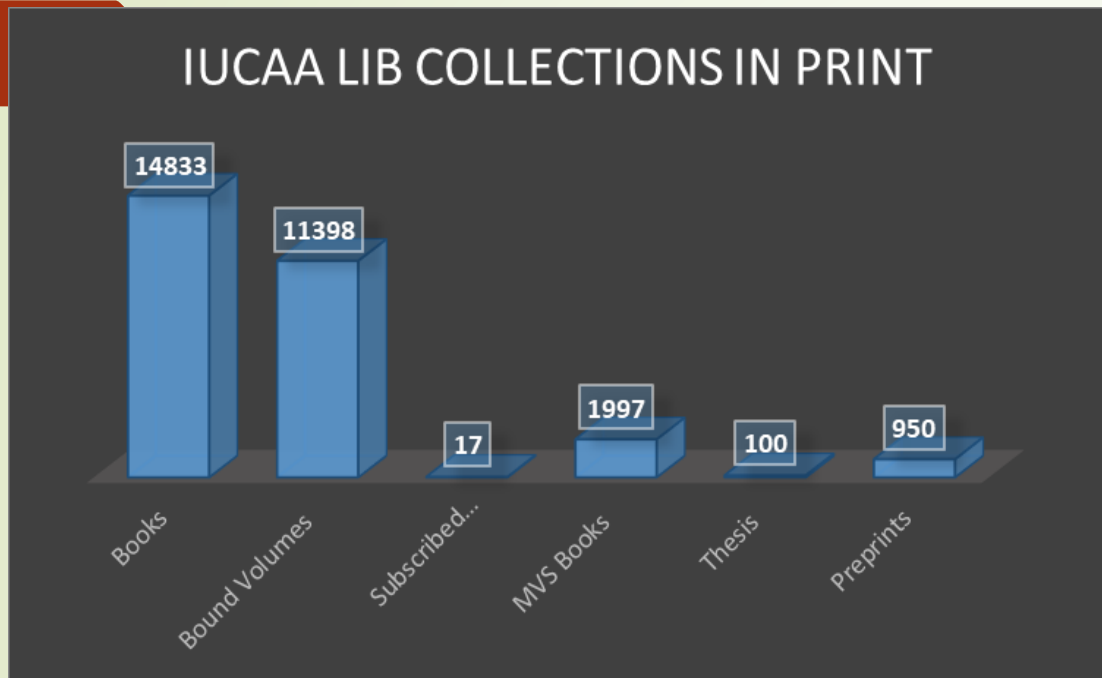
- **Total Automation** with help of SLIM 21 - Integrated Library Management Software
- **Bar-coding of all publications** for fast and accurate transactions and stock verification
- **Digitization Project** as created Institutional Repository of in-house collections as IUCAA Preprints, Annual Report, Khagol: Newsletter Using Dspace
- **In-house publications** made available online with help Open Journal System.

Library Infrastructure

- **Desktops – 23 Nos.**
- **HP Servers – 2 Nos, Scanner – 2 Document scanners, 1 Book Scanner**
- **1 Canon IR-ADV4025 Photocopier** integrated network printer and scanner

IUCAA Library Collections





Bibliographic access through SLIM21

Full text access through DSpace



In-house Digitization of entire Annual Reports & Khagol Newsletter collection from Volumes



Institutional Repository of IUCAA

Collective Intellectual Property

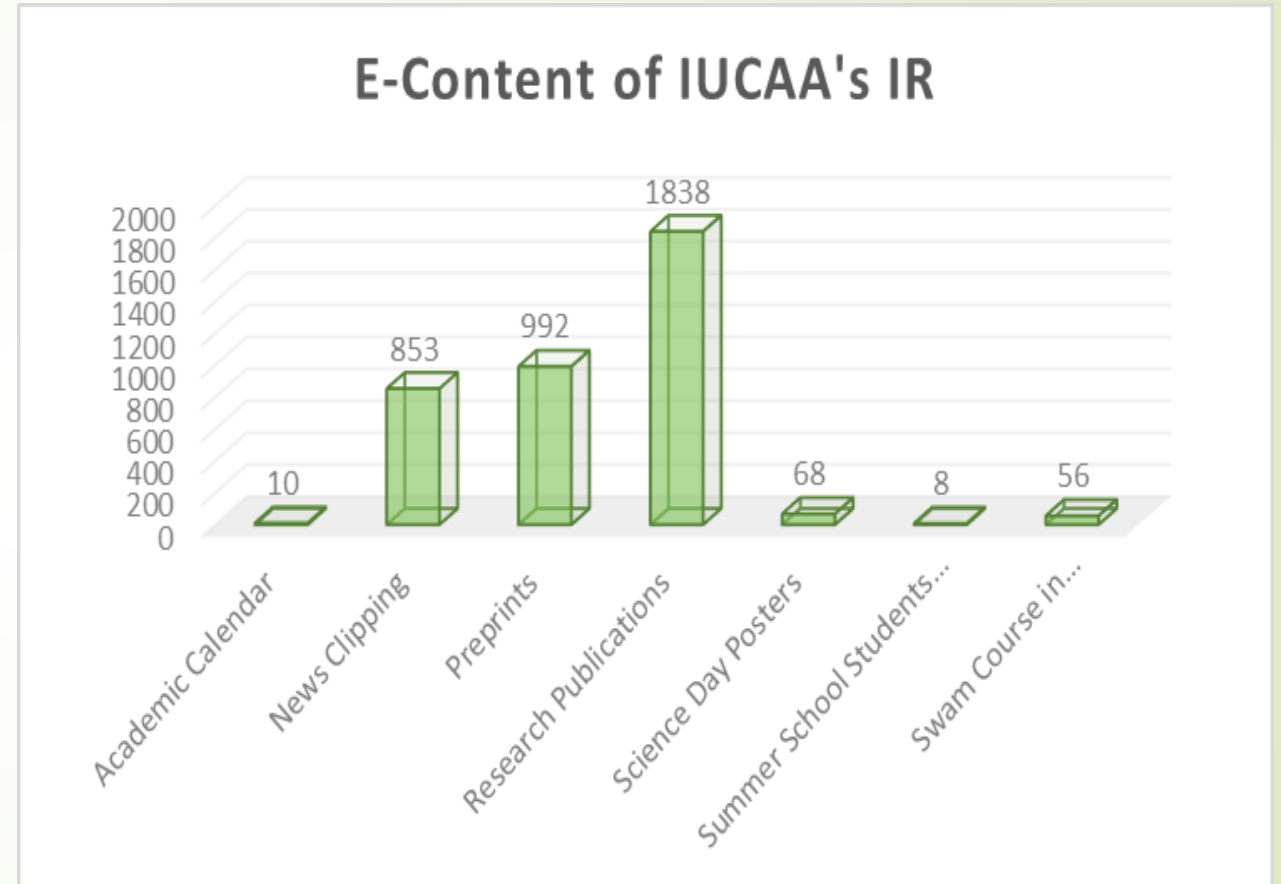
- *Technical Reports*
- *Annual Reports*
- *Conference Proceedings*
- *IUCAA's Preprints / Reprints*
- *In-House Publications/ Newsletters*

Personal Intellectual Property

- *Conference Papers by IUCAA scientists*
- *Articles for Journals*
- *Thesis and Dissertations*
- *Lectures Presentations -PPTs*
- *Student PhD Theses & Dissertation*
- *collections of online lectures via zoom platform available via IUCAA YOUTUBE channel*

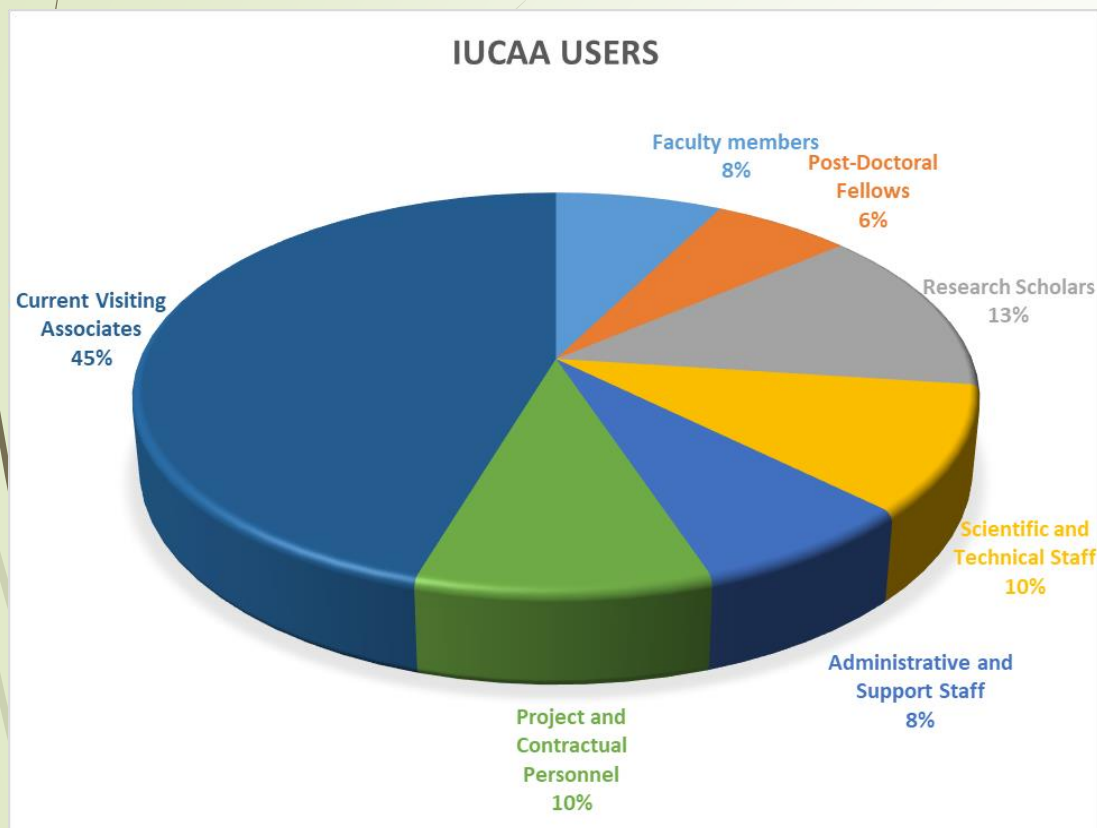
IUCAA Related Material

- *Guest lectures at IUCAA functions*
- *Photos /videos of IUCAA's events*
- *Posters/Presentations of IUCAA*
- *Seminars and Workshops*



Total IUCAA's IR collections is 4106

IUCAA Users & Services



Library Services: Both in-house & Off campus

- Provide online access of E-Resources via IP access for in-house campus and via Ezproxy to off campus access
- Creating awareness about ADS
- Content page service.
- Reference service.
- Article requests.
- Document delivery through Interlibrary loan
- Newspaper clipping service through blog.
- Maintain The library YouTube Channel: 206 lectures videos by faculties – uploaded till March 2020, Its subscriber base 3853 with 79362 views
- Plagiarism report using Urkund for research papers
- Assisted Visitors Services in the compilation of the research write up & publications by Visiting Associates

Total 7750 IUCAA Official visitors, visited IUCAA from Nov 1995 to Present...

Objectives of the Study

- To provide an overview of perspectives of ERM and offering its practical aspects along with the experience of IUCAA library's e- resources management with significant five facets called Acquisition, Access, Administration, Support, Evaluation Management with modified Pecsh's E-Resource Life cycle.
- To evaluate the usage pattern of e-resources made available users by the IUCAA library
- Finally, highlighted the role and responsibility of librarians to ERM to give the best e-services to its users.

Scope & Limitations of the Study

Scope and limitation of this study is the application of the ERM components in the process to the manage the e-journals being subscribed by library and access being provided by e-Shodhshindu, MHRD, Govt. of India.



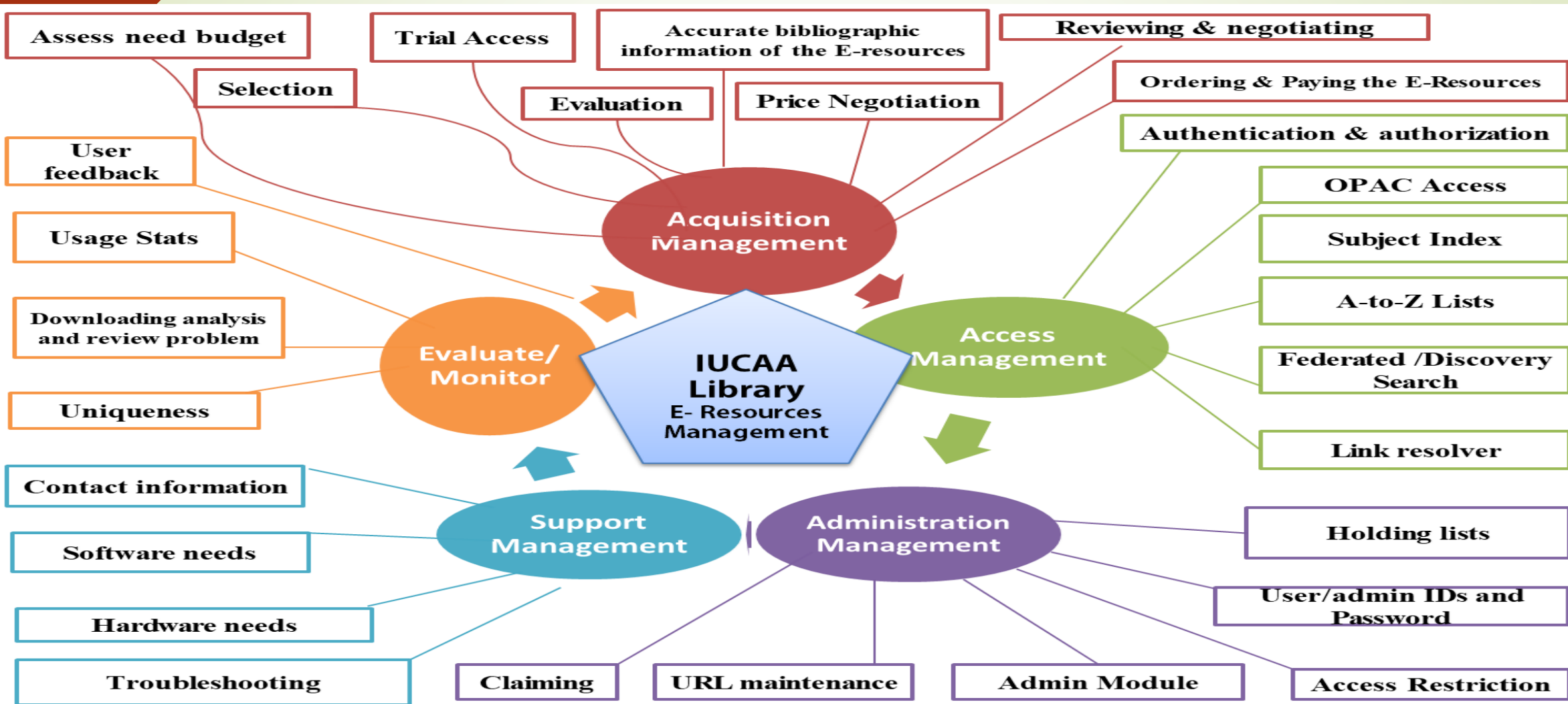
IUCAA Library also has collections of total 12999 e-books from different publishers

Electronic Resources Management (ERM): What and Why ?

- Managing ER is different that of the traditional library collection.
- ERM includes proper planning, acquisition, subscription, organization preservation and access to e-resources/contents.
- ERM is the continue process that caters to the need for evaluation, selection, acquisition, renewal/cancellation, license agreements, access rights, usage statistics, single access point, copy right, implementation, and administration of E-resources.

E-Resources Management at IUCAA Library based on model “Electronic Resource Life Cycle” (Pesch, 2009)

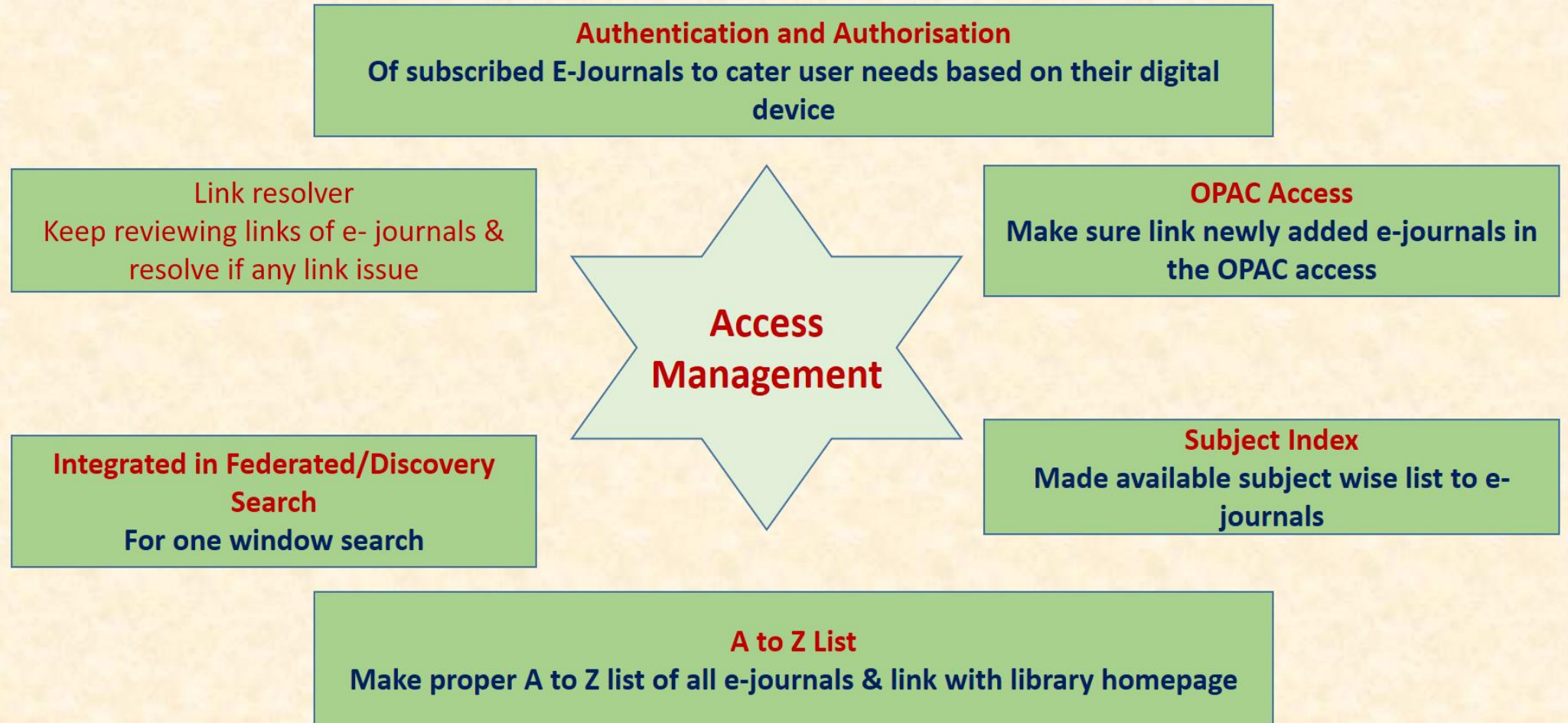
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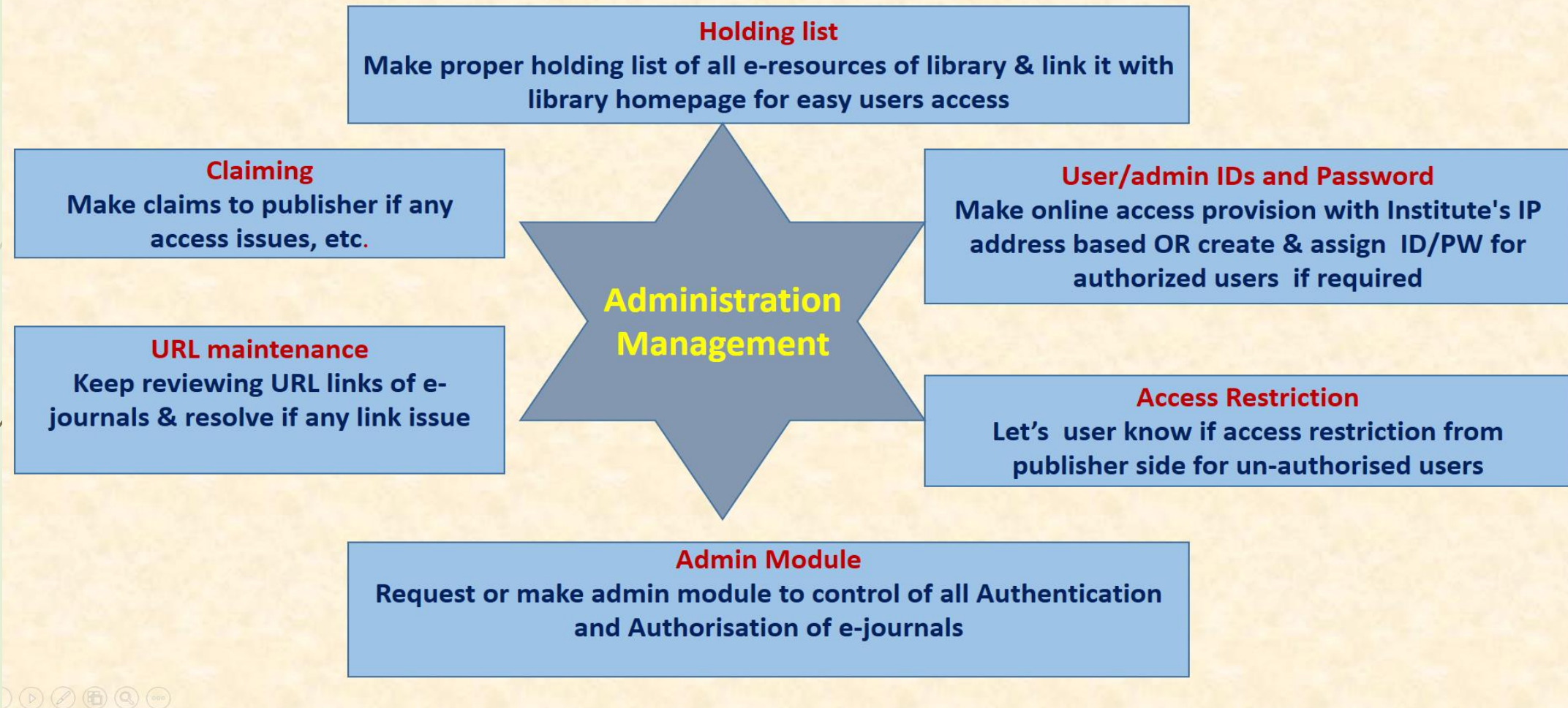
Work flow of Acquisition Management of E-Journals



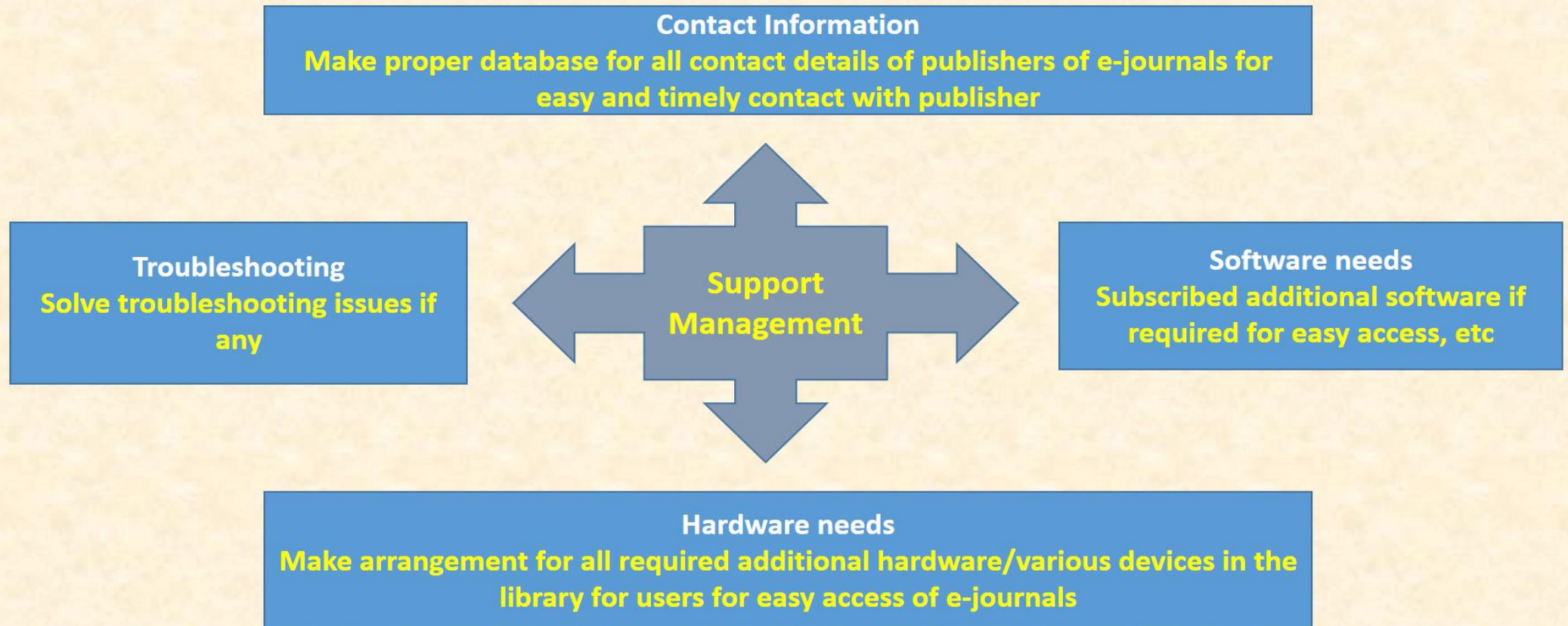
Work flow of Access Management of E-Journals



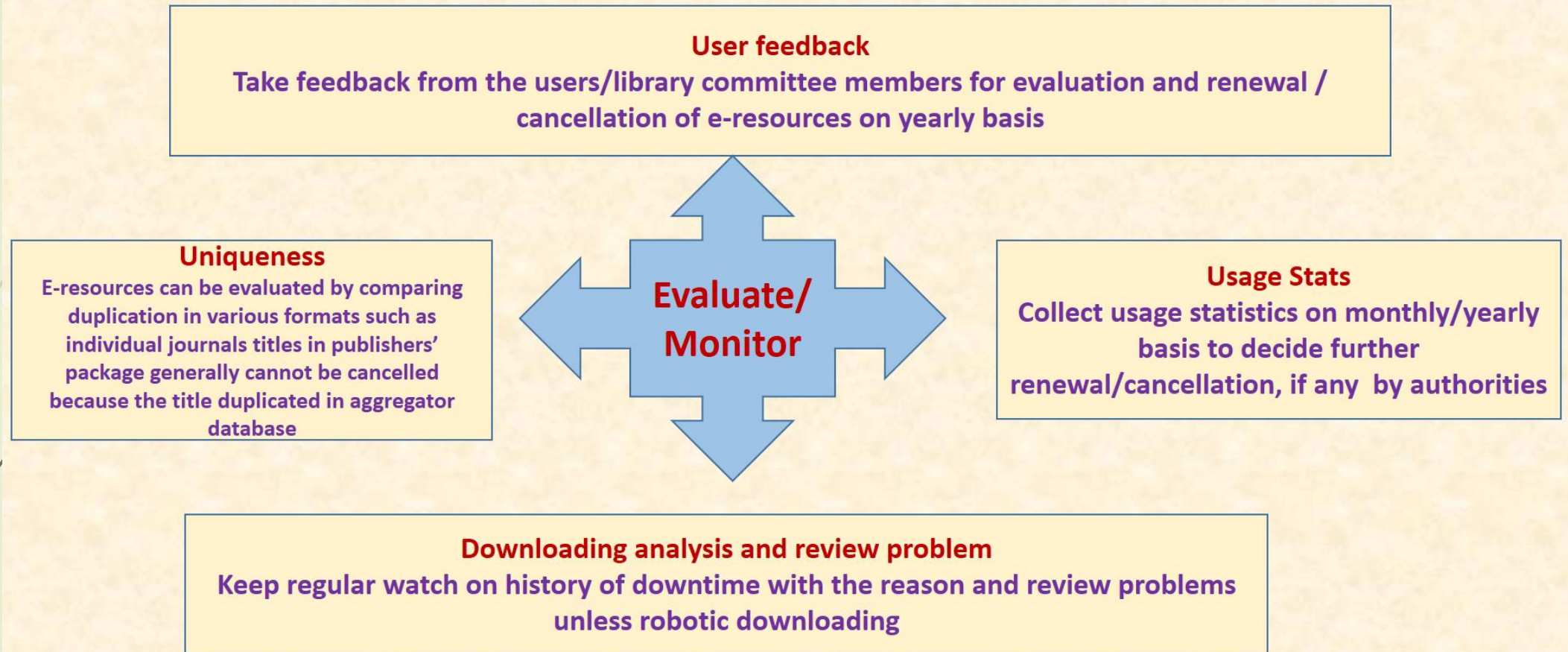
Work flow of Administration Management of E-Journals



Work flow of Support Management of E-Journals

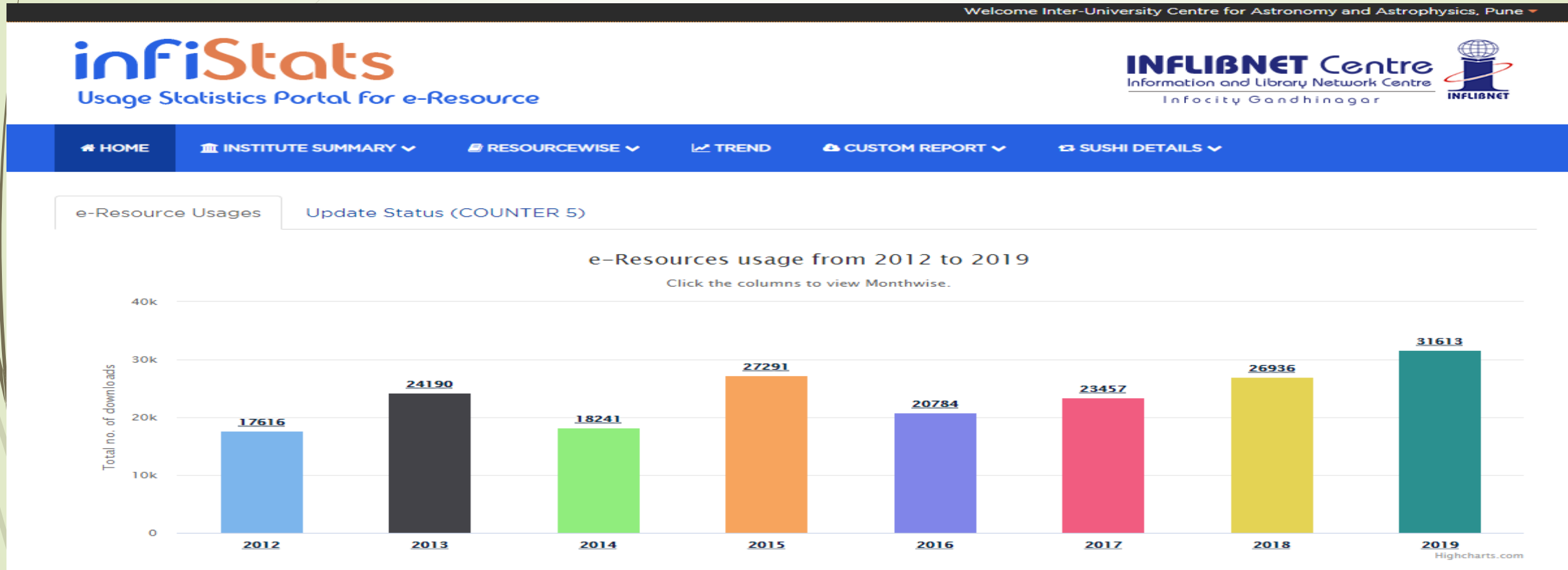


Work flow of Evaluate/Monitor of E-Journals



Overall E-Journals Usage of IUCAA from 2012 to 2019

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E-Journals: Usage Statistics (2020)

Welcome Inter-University Centre for Astronomy and Astrophysics, Pune

infiStats
Usage Statistics Portal for e-Resource

INFLIBNET Centre
Information and Library Network Centre
Infocity Gandhinagar



HOME

INSTITUTE SUMMARY

RESOURCEWISE

TREND

CUSTOM REPORT

SUSHI DETAILS

Institute Summary (COUNTER5)

Institute Summary

Institute Name

Inter-University Centre for Astronomy and Astrophys

Year

2020

Resource Type

Journals

Go

Resource wise usage statistics for the year 2020



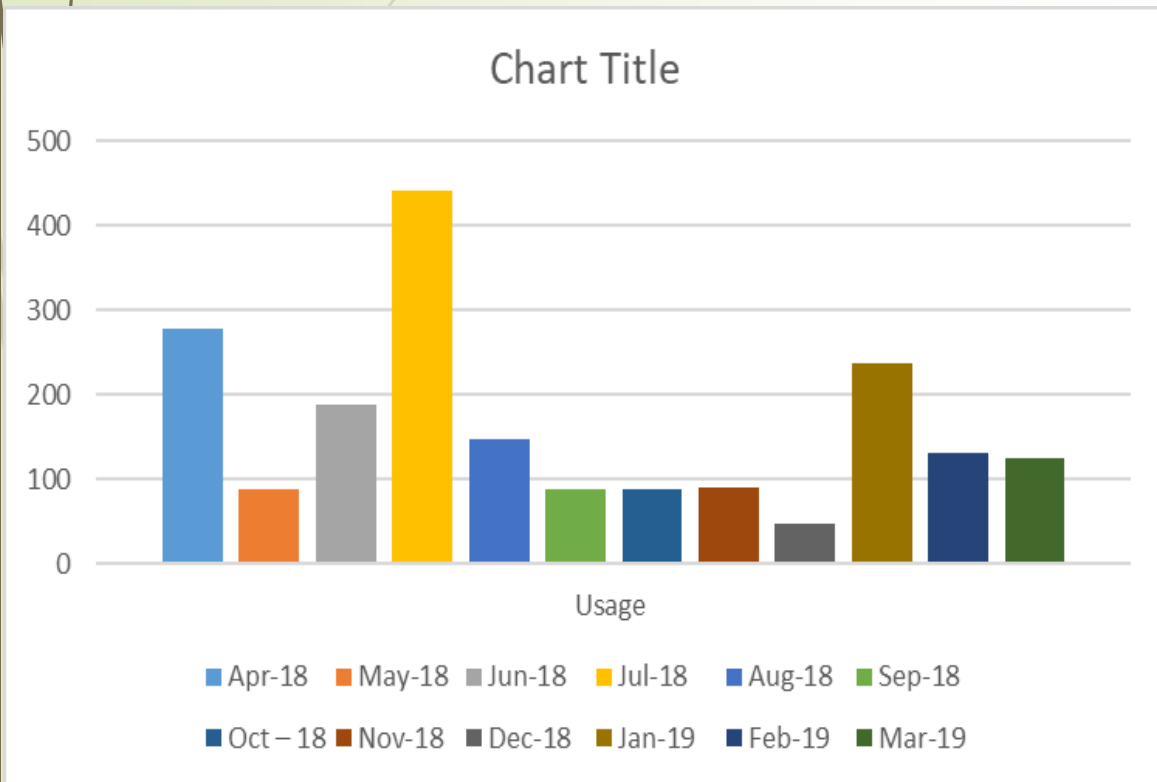
Search:

None A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

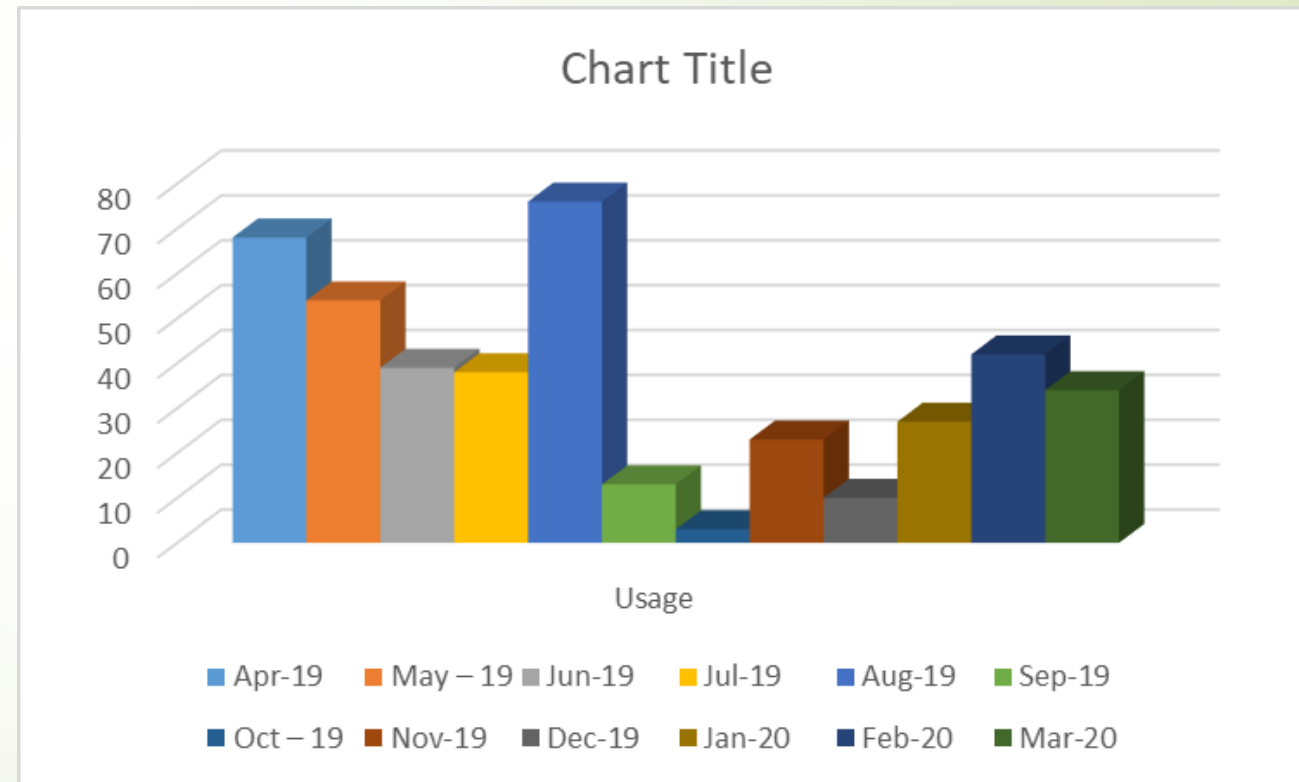
Highcharts.com

The EZproxy access and authentication software has been deployed by the library to facilitate off-campus access

Ezproxy access usage during April 01, 2018 to March 31, 2019



Ezproxy access usage during April 01, 2019 to March 31, 2020



Conditions of Use and Licensing Restrictions for Electronic Resources

- The terms and conditions for using E-resources
- Does not breach the terms and conditions
- Licenses vary from publisher to publisher

What happens if the License is violated?

- Publishers keep tracks
- Misuse, if any, is notified to the subscribing Institutions.
- The publisher also stopped access/ suspends the access to e-resource if any misuse
- Moreover, the access is suspended not only for the individual violator but for the entire institution.

Users Feedback

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- ➔ IUCAA Library use to take feedback from the users/library committee members for evaluation and renewal / cancellation of e-resources on yearly basis.

Role of Librarian in E-Resource Management:

- Peggy Johnson in her third edition of “Fundamentals of collection development and management” second chapter she listed the **responsibilities as a typical assignment that include for librarian are as follows;**
- 1) **Coordinating the overall activities of Electronic Resources Management**
 - 2) **Negotiating with publishers for subscription and its licenses terms and conditions**
 - 3) **Administering new and existing licenses for electronic products and maintain its records**
 - 4) **Applying knowledge of copyright and intellectual property principles to ensure that library users’ rights are protected**
 - 5) **Working closely with library staff to identify, select, and acquire new e-resources, assess needs of the user community, and adjust resources to fit these needs and to ensure that e-resources are catalogued as appropriate**
 - 6) **Monitoring vendor services and performing vendor evaluations**
 - 7) **Compiling and analysing electronic resource usage statistics and keep tract URL updates.**

Summery:

- ▶ The talk has been presented in the form of case study of overview of perspectives of e-resource management.
- ▶ This talk also has attempted to evaluate the usage pattern of electronic resources subscribed by the IUCAA library and access made available under the ESS program.
- ▶ where the user community takes the opportunities to make the best use of e-resources provided by the library.
- ▶ Finally, this article enlists the role and responsibility of librarians in ERM to give the best e-services to its esteem users.

References used:

- ▶ Carpenter, Todd (2011). The Value of Standards in Electronic Content Distribution: Reflections on the Adoption of NISO Standards. *The Journal of Electronic Publishing* vol. 14 (1) Published by Michigan Publishing, University of Michigan Library. DOI:10.3998/3336451.0014.102 (Accessed on Jan 10, 2020).
- ▶ Pesch, O. (2009). ERMs and the e-resource life-cycle [Powerpoint slides]. Retrieved from <http://tinyurl.com/ERLifeCycle>
- ▶ Chidambaram, S. Siva (2018). Perspectives on Electronic Resources Management. In the Book: National Seminar on Access & Availability of Medical Literature in Electronic Environment (AMLEE-2018) edited by Chidambaram, S Siva and Babbar, P., Pp. 1-8. Published by Jaypee Brothers Medical Publisher (P), Ltd., New Delhi.
- ▶ IUCAA Library Annual Report 2019-2020: <http://publication.iucaa.in//AR-2019-2020/158/index.html> (Accessed on May 14, 2021)
- ▶ [Patra, N.K.](#) (2017), "Electronic resource management (ERM) in libraries of management institutes in India", *The Electronic Library*, Vol. 35 No. 5, pp. 1013-1034. <https://doi.org/10.1108/EL-01-2016-0020>
- ▶ Peggy Johnson, Peggy (2018). Fundamentals of collection development and management <https://www.alastore.ala.org/content/fundamentals-collection-development-and-management-fourth-edition>.
- ▶ The IUCAA Library Homepage: <https://www.iucaa.in/~library>

THANK YOU
ANY QUESTIONS



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