

About Granthalaya

E-Granthalaya is a Digital Platform developed by the National Informatics Centre, Ministry of Electronics and Information Technology, Government of India, for Government Libraries for Automation of In-house activities as well as member services and Networking for resource sharing. On this platform, NIC provides a complete ICT solution with integrated Library Management Software, a Digital Library Module, a Cloud hosting environment and a Library Portal (OPAC). E-Granthalaya is useful to transform traditional libraries to e-Library with Digital Library Services and to provide various online member services using Single Window Access System. Latest version of E-Granthalaya i.e. Ver.4.0 is a 'Cloud Ready Application' and provides a Web-based solution in enterprise mode with a centralized database for cluster of libraries. The ICT solution is well compliance with International standards prevalent in Libraries with use of latest ICT technology and Cloud hosting. e-Granthalaya 4.0 uses PostgreSQL - an Open Source DBMS as back-end database solution and is made available on NIC National Cloud (Meghraj) for Government Libraries on request basis with hosting of application and databases for online access.

(Source: <https://egranthalaya.nic.in/>)

E-Granthalay objective questions

1. Eg1 1.0 release in 2003
2. Eg2 2.0 release in 2005
3. Eg3 3.0 release on 2007
4. Eg4 4.0 release in 2015
5. Eg3 has 8 Module
6. Eg3 & Eg4 has Unicode support for multilingual data entry or cataloguing
7. Eg4 has 10 Modules (Admin Module is separated in three parts)
8. Eg4 is cloud based software.
9. Eg3 is open source software
10. Eg4 is not open source software. Priced 22400 every five years for maintaining the data base on NIC server.
11. It is web based Library management software.
12. E-Granthalay is developed by National informatics centre (NIC).
13. Eg4 has centralized data base management option for many libraries under one organization.
14. Eg 1.0 version programming language is VB6/Desktop based application system and MS Access/MS SQL server 7 used for DBMS (Data base management system)
15. Eg 2.0 version programming language is VB6/Desktop based application system and MS SQL server 2000 used for DBMS (Data base management system)
16. Eg 3.0 version programming language is VB.NET 2.0/Web based application system and MS SQL server 2005 used for DBMS (Data base management system)
17. Eg 4.0 version programming language is ASP.Net 4.0/Web based application system and PostgreSQL 11.4 used for DBMS (Data base management system)
18. Eg4 supports various international standards such as Z39.50, AACR2, UNICODE, MARC/MARCXML/ISO:2709 exchange formats.
19. User will access/use the application online in eg4.

20. Retro-Conversion and Full Cataloging merged in single form in Eg4.
21. New look of OPAC and OPAC is integrated with main application, no need of installing OPAC separately.
22. E-Granthalaya Mobile App can be downloaded from Google App store in Eg4.

Syllabus of E-Granthalay

- 1. Acquisition Module**
- 2. Cataloguing Module**
- 3. Circulation Module**
- 4. Serial Module**
- 5. Micro Document**
 - **Micro Document**
 - **News Clipping**
- 6. Search (OPAC)**
- 7. Admin Module**

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