**ALL INDIA INSTITUTE OF SPEECH AND HEARING**

**LIBRARY AND INFORMATION CENTRE**

**Development of Digital Repository on DSPACE**

The Institute has initiated a research project on rebuilding its existing digital repository using open source software applications, DSpace. In this regard, we have installed the latest version of DSPACE on Ubuntu Linux platform and we would like outsource the following components of the project.

1. Front-end design and customization of facilities/ features (as detailed in annexure) online mode using Remote Desktop Connection tools like Team Viewer.

**Please note that the works like data entry, uploading of the documents etc will be carried out by us.**

**Annexure-I**

**Facilities/ Features**

1. Front-End design with the following components/features
2. Image banner reflecting the meaning of the digital repository with Institute logo and the captions [The images will be provided by us in required format]
3. Sliding images of the types of resources in the repository
4. Facility for User Registration / Login
5. Facility for simple and advanced searching, browsing by the Type of Resources, Subject, Author, Year, Title etc.
6. Facility for depositing the material by the registered users
7. Feedback form
8. Graphical representation of the Usage statistics [Optional]
9. Recent submissions
10. Top 10 downloads
11. How to cite[Optional]
12. Copyright FAQs [Static page. Content will be provided]

A model Front-end is enclosed herewith as **Figure-A**.

1. Provision wherein the staff/ user(s) can register in the system and create their account and system securely identifying the users.
2. Provision for users for submission of materials and approval mechanism before publishing.
3. Facility to support multiple file formats i.e. PDF, MS Office, TIFF, JPEG, Audio/Video, PowerPoint etc.
4. Facility for generating comprehensive statistics to evaluate the usage of the system, geographical location of users, month, city, country etc. [Optional]
5. Facility to limit access to documents, files and metadata to specified users or user groups. [Optional]
6. Full text searching facility.
7. Facility for saving all searches so as to track the document usage patterns. [Optional]
8. Facility for document streaming. [Optional]
9. Facility for predictive search i.e. the application should provide suggestion when user starts keying the alphabets in certain fields for search. [Optional]
10. Compatibility of the interfaces with small screen devices, i.e. laptop, smart phone, tablet, etc.
11. Accessibility of the content to users only after proper authentication.
12. Facility for displaying recent submissions on the repository home page and individual resource pages
13. Facility for displaying the top 10 down loads on repository home page
14. Facility for automatic APA citation style generation for individual resources[Optional]
15. Facility for creation of Community/ Sub Communities / Collections. A layout of the same is given as **Figure B.**
16. A sample of the browsing interface is given as **Figure C** .

**Figure-A** Sample Front-end of the Digital Repository

|  |  |  |
| --- | --- | --- |
| Picture1 - Copy.png | Institutional Repository of AIISH | An Institutional Digital Repository of All India Institute of Speech and Hearing |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Home | About | FAQ | Register | My Account | Rules & Guidelines | Help |

|  |  |  |
| --- | --- | --- |
| **Search**    Go  Ent. Search terms....  Advanced Search | Carousel Sliding of the types of collection/Resources  Material Image  Material Image | **At a Glance**  Top 10 downloads  Recent submissions  Statistics  How to cite |
| **Browse**  Collections  Subjects  Titles  Authors  Key words  Year | Usage statistics – Graphical Report  Types of Resources - Small Icons of Sliding images  Theses & Dissertations  Scientific Publication  Scientific Presentation | **Author Corner**  Submit Material  Copyright FAQ  Advantages |

**Figure-B**

Layout of the Communities/ Collections

**AIISH Institutional Repository**

* Theses and Dissertations
  + Postgraduate Dissertations (--- no)
  + Independent Project Reports (--- no)
  + Doctoral Dissertations (--- no)
* Funded Research Reports
  + Intramural Research Reports (ARF) (--- no)
  + Extramural Research Reports(--- no)
* Scientific Presentations
  + Conference/Seminar Presentations(--- no)
  + Journal Club Presentations(--- no)
  + Clinical Conference Presentations (--- no)
  + Others (--- no)
* Scientific Publications
  + Journal Articles(--- no)
  + Books (--- no)
  + Book Chapters (--- no)
  + Others (--- no)
* Photographs and Images
  + Former Directors(--- no)
  + Events-Known(--- no)
  + Events-Unknown(--- no)
  + AIISH-Life(--- no)
  + Eminent Visitors (--- no)
  + Research Labs (--- no)
  + Landscape (--- no)
  + Buildings (--- no)
  + Equipments (--- no)
  + Outreach Services (--- no)
  + NSS Activities (--- no)
  + Teleservices(--- no)
* Audios and Videos
  + Audio (--- no)
  + Video (--- no)
* Newspaper Clippings (--- no)
* Study Materials
  + Class Notes (--- no)
  + Class Presentations (--- no)
  + Assignments (--- no)
* Question Papers(--- no)

**Figure C**

|  |  |  |
| --- | --- | --- |
| Picture1 - Copy.png | Institutional Repository of AIISH | An Institutional Digital Repository of All India Institute of Speech and Hearing |

|  |  |
| --- | --- |
| Institutional Repository of AIISH | Type of Resources |

Theses & Dissertations

Question Papers

Study Materials

Photographs and Images

News Paper Clippings

Scientific Publications

Audios & Videos

Scientific Presentations

Funded Research Projects

|  |  |  |
| --- | --- | --- |
| Picture1 - Copy.png | Institutional Repository of AIISH | An Institutional Digital Repository of All India Institute of Speech and Hearing |

|  |  |
| --- | --- |
| Institutional Repository of AIISH | Theses & Dissertations |

|  |  |
| --- | --- |
| In Choose an item. | Search for  Ent. Search terms....  Go |

**Browse by :**

**Title**

**Department**

**Author**

**Guide**

**Subject**

**Year**

**Category**

* **PG Dissertations** (Counts in Collection)
* **Independent Projects** (Counts in Collection)
* **Doctoral Theses** (Counts in Collection)

**Recent Submissions - under of this category only**

|  |  |  |
| --- | --- | --- |
| Picture1 - Copy.png | Institutional Repository of AIISH | An Institutional Digital Repository of All India Institute of Speech and Hearing |

|  |  |
| --- | --- |
| Institutional Repository of AIISH | Theses & Dissertations |

**Browse by Year:**

Jump to a point in the index:       or type in Year:

Sort by:     In order:     Results / Page Authors / Record:  

Showing Results of

Year Title Author Citation

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**Browse by Author:**

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Ent. Search terms....

Go

or enter first few letters:

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or enter first few letters:

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| Institutional Repository of AIISH | Theses & Dissertations |

**Browse by Department:**

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Ent. Search terms....

Go

or enter first few letters:

Order:      Results/Page    

Showing Results of

|  |  |  |
| --- | --- | --- |
| Dept. of Audiology 20 | Dept. of Speech Pathology 40 |  |
|  |  |  |

**Note:**

Additional **Browse by** Options required for few Resource Types like

* **Funded Research Reports**

Semester

Programmee

Newspaper

Language

Speaker

Event

Amount

Co- Investigator

Principle Investigator

Year of Completion

* **Scientific Presentations**
* **Audio & Video Materials**

Event

* **Newspaper Clippings**
* **Question Papers**