**अखिलभारतीयवाकश्रवणसंस्थान, मैसूरू-06**

All India Institute of Speech and Hearing, Mysuru-06

Library and Information Centre

SH/LIC/PFRI/2020-21 दिनांक/Date: 01/07/2020

Respected Madam/Sir,

विषय/Sub: Material for updating/Renewal/ of registration of Public Funded

Research Institutions for availing Customs/ Central Excise Duty Exemption -reg.

संदर्भ/Ref: Letter No. SH/Dir/PFRI/2020-21 dated 17.06.2020.

With reference to the above, please find attached the information pertaining to the Library and Information Centre.

Thank you,

Yours faithfully,

Library and Information Officer

1. **Broad areas of research and major research programmes in the Department**

**Broad areas of research:** Development of open source based information retrieval system and tools andacademic integrity issues.

**Major Research Programmes in the Department:** Database on Communication Disorders published in IndiaDesign, Development of open source platform for AIISH digital repository and online public access catalogue,Development of E-Learning Platform and Faculty Profile System

1. Enclosed as Appendix I and II
2. Details of Infrastructure available for research
3. Server computer, Dell Power Edge R740
4. Windows Server 16 standard
5. Ubutu Linux 16, 18 & 19
6. Write up on completed / ongoing projects
7. **Database on Communication Disorders published in India**

India has been contributing dynamically to the global scholarly literature on communication disorders in the form of articles in scientific journals, test and therapy materials, books and conference papers. However, there is a lack of a common platform providing access to the entire spectrum of studies carried out in the country in the field of communication disorders. The present project addressed the design and development of a web based database on Indian scholarly literature on communication disorders using open source tools. A survey of the Indian studies in the field was conducted and maximum number of literaturewas collected and uploaded to the database under different categories. Efficient searching and retrieval system were also designed for retrieving information from the database. The database is supposed to help in preserving the vast amount of Indian literature on communication disorders.

1. **Design, development and validation of open source platform for AIISH digital repository and online public access catalogue**

The All India Institute of Speech and Hearing is one of the early implementers of the Institutional Repository (IR) and Integrated Library Management System (ILMS) among the higher educational Institutions in the country. Both the solutions were developed on proprietary software platforms with limited functionalities. However, the IR and ILMS fields at present are dominated by freely available open source applications with advanced features and functionalities. This project developed an open source based platform for the Institute IR and Online Public Access Catalogue and migrated the existing collection of resources to the new platform. The new platform hasthe provision for incorporating a wide range of Institutional resources such as official photographs, videos, teaching learning materials and question papers in addition to the existing postgraduate, doctoral and funded research projects. It is expected to facilitate better visibility for the research output of the Institute at global level.

1. **Design and Development of E-Learning Platform and Faculty Profile System**

E-learning platform and faculty profile system are two technological innovations capable of reshaping the higher education and research. The objectives of this project are todesign and develop an e-learning platform and a web-based faculty profile system for the institute using open source software tools and techniques. Appropriate software applications will be selected and customized for the design and development of both the systems by making a comparative evaluation of the major open source applications in the respective fields.

1. Selected research papers / publications
2. Shijith Kumar C (2018). Some reflections on UGC regulations on promotion of academic integrity and prevention of plagiarism. University News, 56, 42.
3. Computer software developed
4. Database on Communication Disorders published in India (Developed using D-Space open source software on Windows platform. End Users: Professionals and researchers in the field of communication disorders)
5. Institutional repository of AIISH ((Developed using D-Space open source software on Ubuntu Linux platform. End Users: Students, professionals and researchers in the field of communication disorders)
6. AIISH Web OPAC (Developed using Koha open source software on Debian platform)
7. Not applicable
8. Nil
9. Nil

APPENDIX-1

DETAILS OF R&D PROGRAMMES/PROGRAMMES/PROJECTS IN PROGRESS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Title & Scope of  the R&D project | Year in which started | Budgeted Project Cost  (Rs. In Lakhs) | | | | Remarks\*  (Status: Completed/ Not Completed) |
| Capital | Recurring | Total | |
| 1 | Database on Communication Disorders published in India | 06.02.2017 | Rs. 5,40,000/- |  | | Rs. 5,40,000/- | Completed on 5th August 2018 |
| 2 | Design, development and validation of open source platform for AIISH digital repository and online public access catalogue | 12.02.2018 | Rs. 3,000,00/-  (*The project was carried out in-house and the amount did not spent*) |  | | Rs. 3 lakhs | Completed on 31st March 2020 |
| 3 | Design and Development of E-Learning Platform and Faculty Profile System | 01.02.2019 | Rs. 4,68,000/- |  | | Rs. 4,68,000/- | Not Completed |

APPENDIX-2

DETAILS OF PROPOSED R&D WORK (FOR THE NEXT THREE YEARS)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Title & Scope of The project  proposed | Duration of the Project | Total estimated Project Cost  (Rs. In Lakhs) | | | List of specialized equipment required to be purchased and indicate their cost | Remarks  (indicate specific reasons. If any, for proposing the R&D project) |
| Capital | Recurring | Total |
| 1 | Design and development of research data repository | One year | Rs. 4,000,00 | - | Rs. 4,000,00 | Nil | Right now, there is no such facility at AIISH |
| 2 | Academic integrity measures in Indian higher education institutions | Two year | Rs. 10,000,00 | - | Rs. 10,000,00 | Nil |  |