INTERNATIONAL CONFERENCE ON LIBRARIES, INFORMATION AND SOCIETY (ICOLIS 2021)

Reimaging Libraries for a Post-Pandemic World

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CHANDIGARH UNIVERSITY
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Current Status of Indian Open Access Institutional Repositories (OAIRs) and Its Significance in Pandemic Era

BY

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Introduction & Study Background

- COVID-19 & Its Second Wave in India
- Effects in Education Sector
- Drastic Chenage to Cope up with the Current Situation
- Requirements
- OAIRs & Its Significance in this Situation

STUDY OBJECTIVES

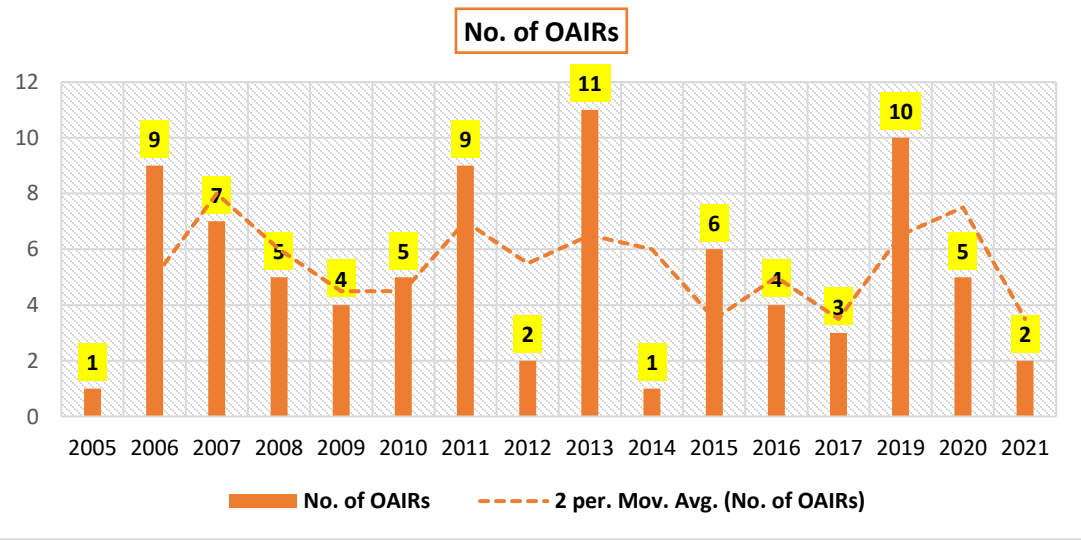
1. To study the current status of Indian OAIRs according to OpenDOAR database
   a) To find out the year-wise growth of Indian OAIRs
   b) To highlights the state wise distribution of Indian OAIRs
   c) To identify the various software used for creations of Indian OAIRs
   d) To know the different content types, subject area & languages of Indian OAIRs
   e) To check the updation regularity of Indian OAIRs
2. To examine the effectiveness of Indian OAIRs during pandemic era through users' survey

RESEARCH PLAN

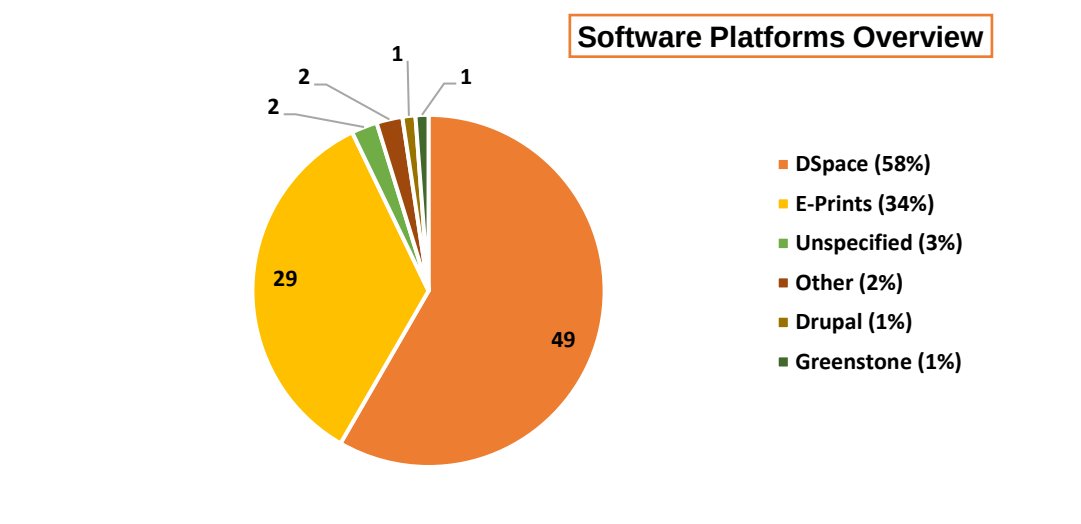
- **OBJECTIVE 1**
  - To fullfil the statement of objective 1, OpenDOAR website was analyzed to get statistics of institutional repositories in India based upon parameters like year-wise growth, state-wise distribution, software types, subject areas, languages and last modified.
  - OpenDOAR currently covers a total of 98 Indian repositories, 84 of which are institutional repositories.

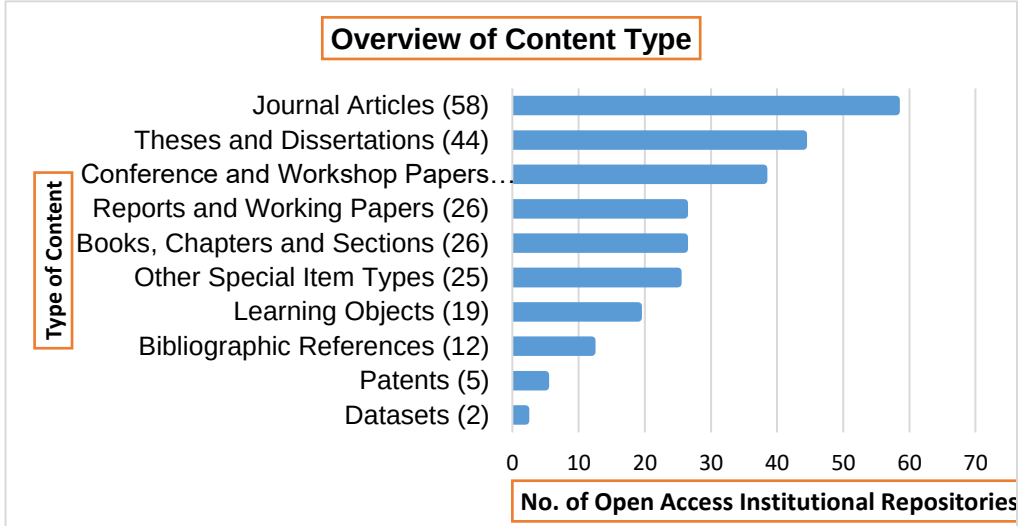
- **OBJECTIVE 2**
  - To fullfil the statement of objective 2, a short survey was conducted using Google form questionnaire.
  - **Targeted respondent:** Students, Researchers, Faculty Members & Library Professionals
  - **Region covered:** India
  - **Sample universe:**
    - QD: ~600; QR: 538
    - Valid: 500 (finalized)

STATUS OF INDIAN OAIRs [1]

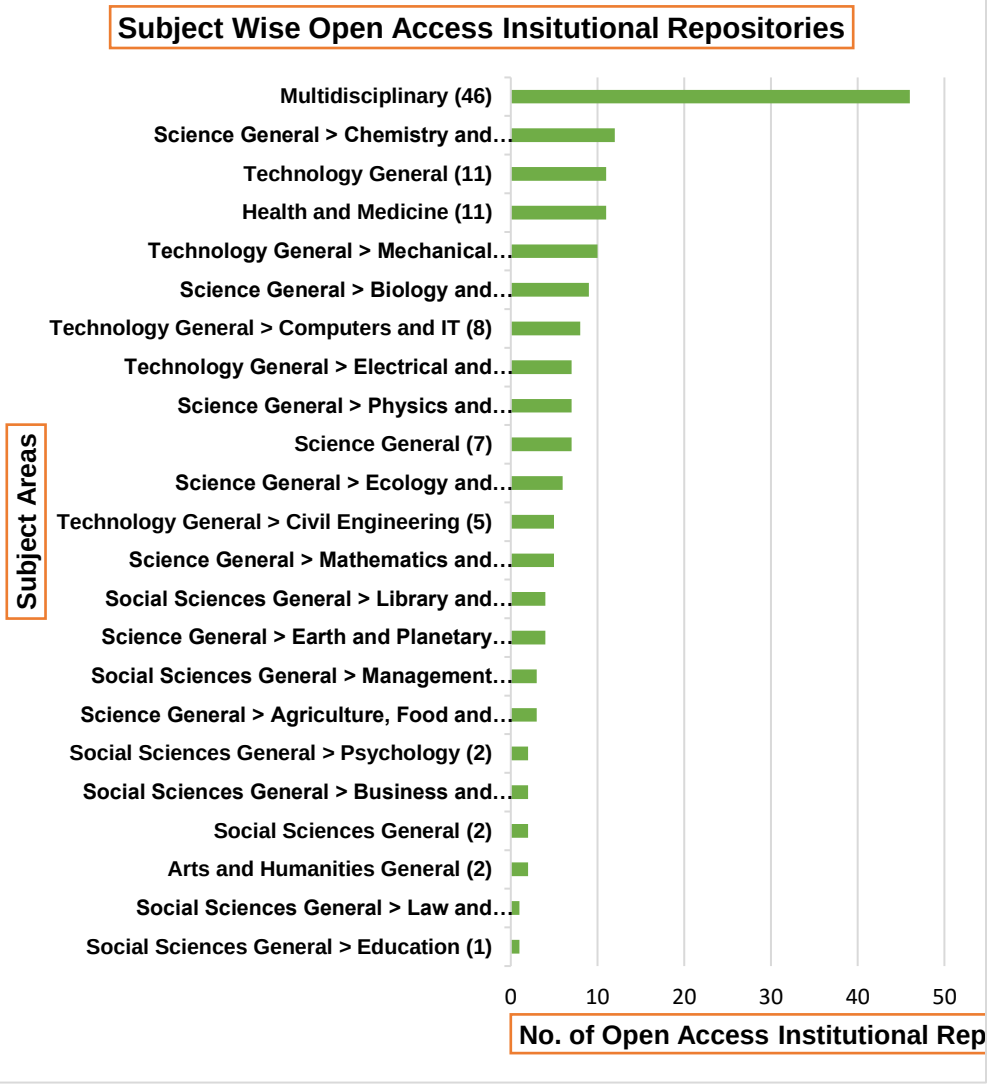


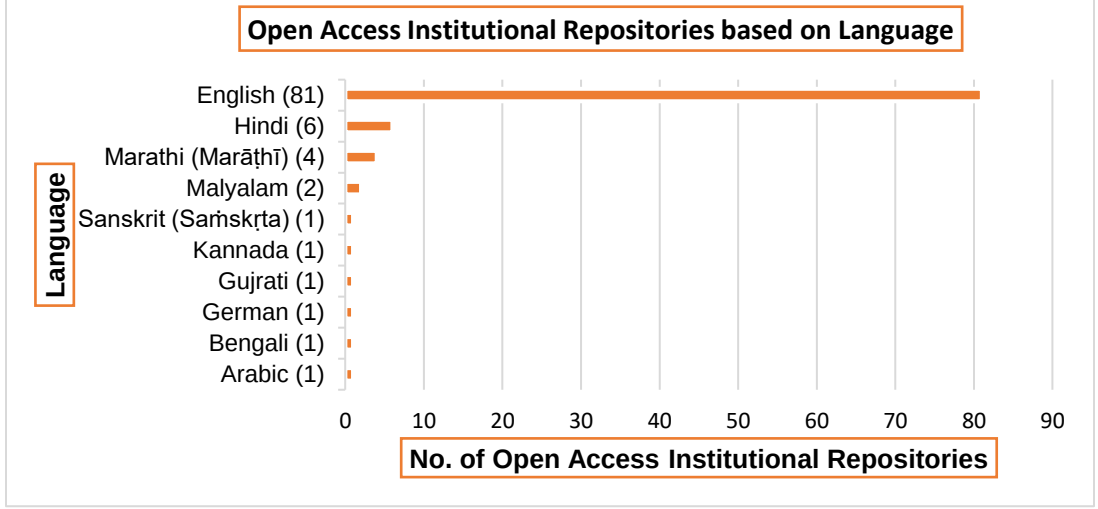
RANK	STATE	No. of OAIR
1	Maharashtra	16
2	Delhi	15
3	Karnataka	11
4	Gujarat	7
5	Kerala	6

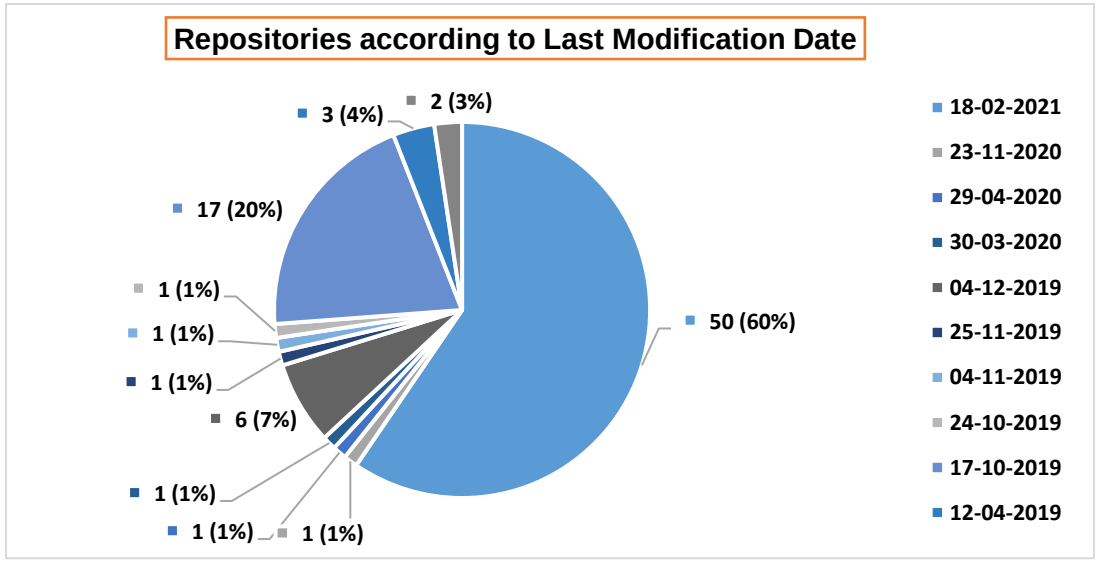




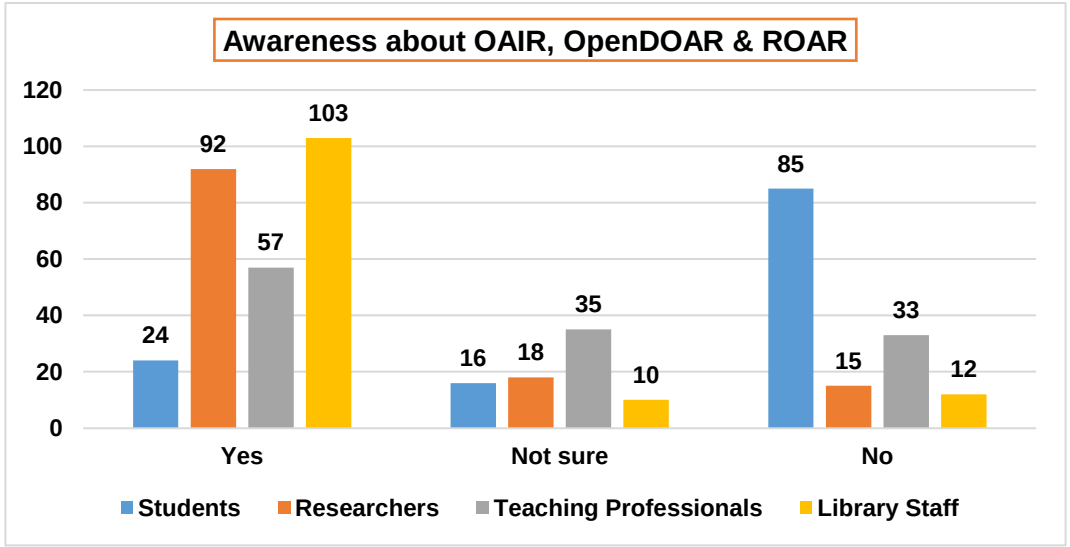
STATUS OF INDIAN OAIRs [2]

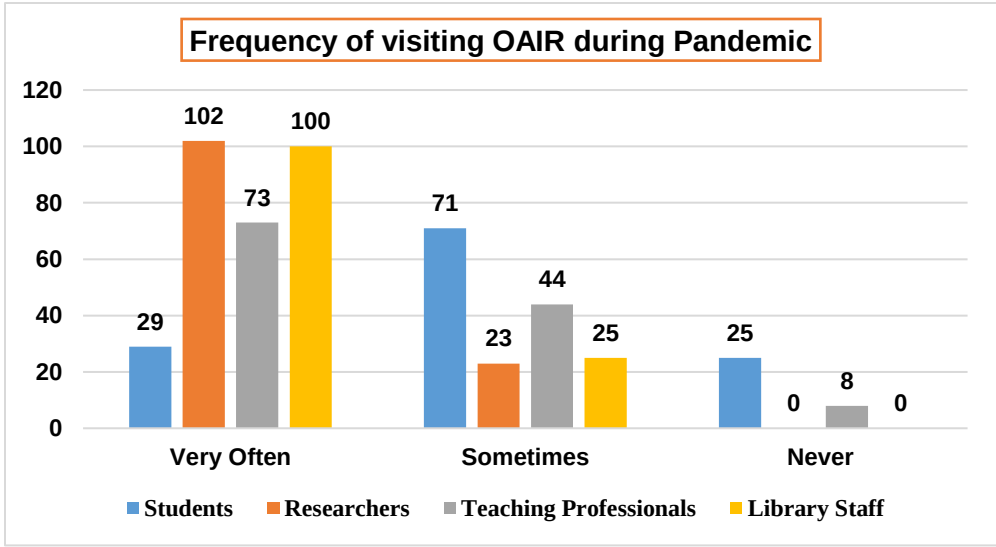


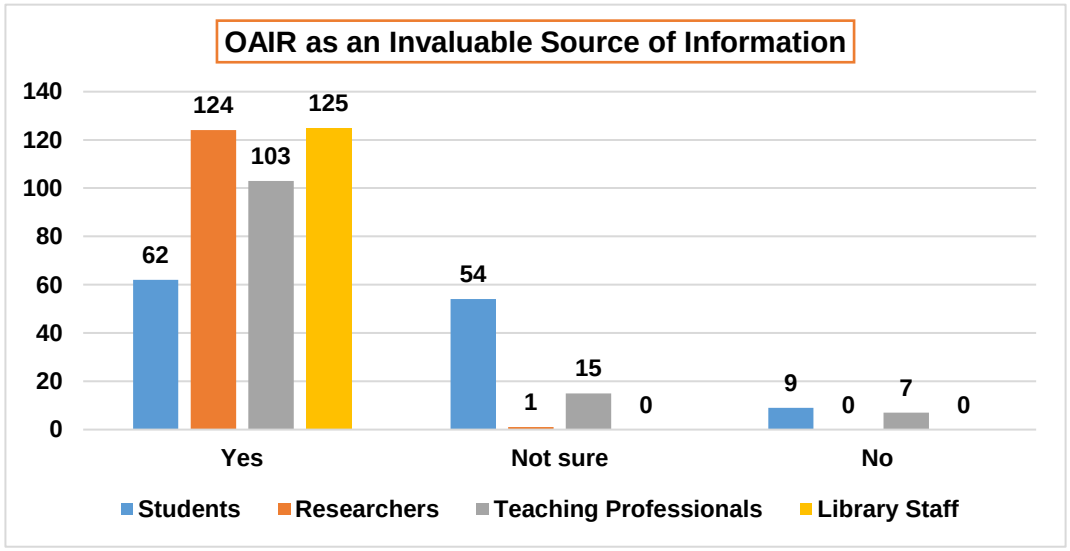


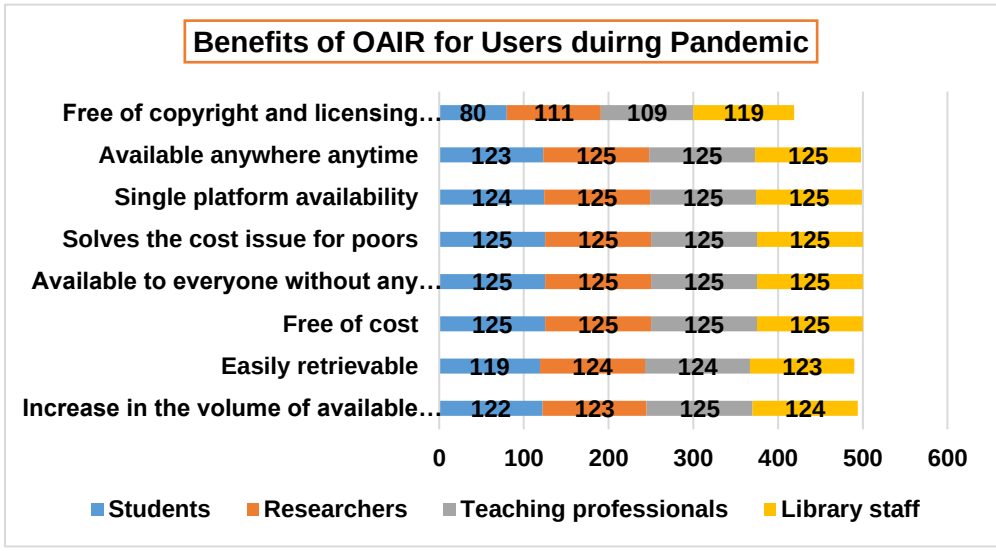


SURVEY RESULTS [1]

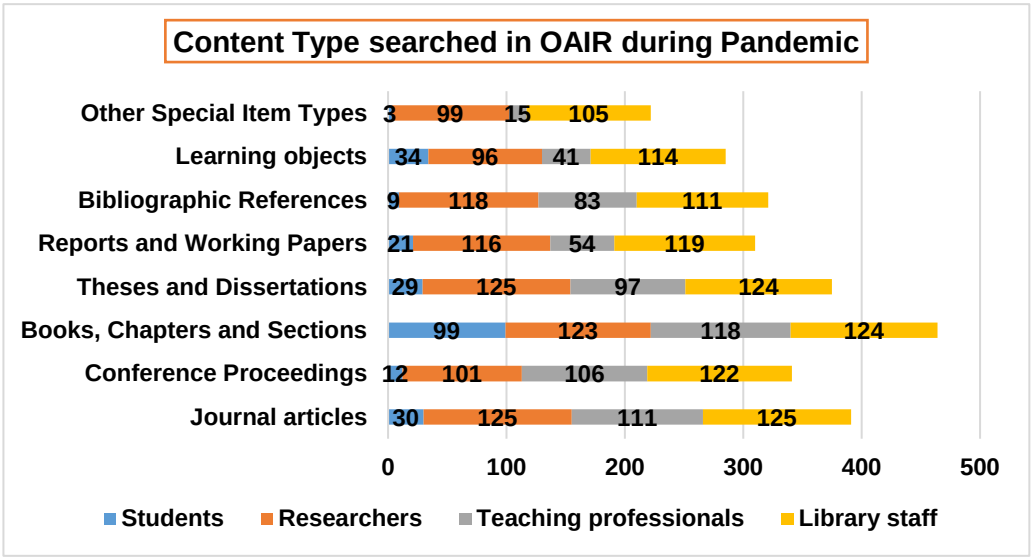


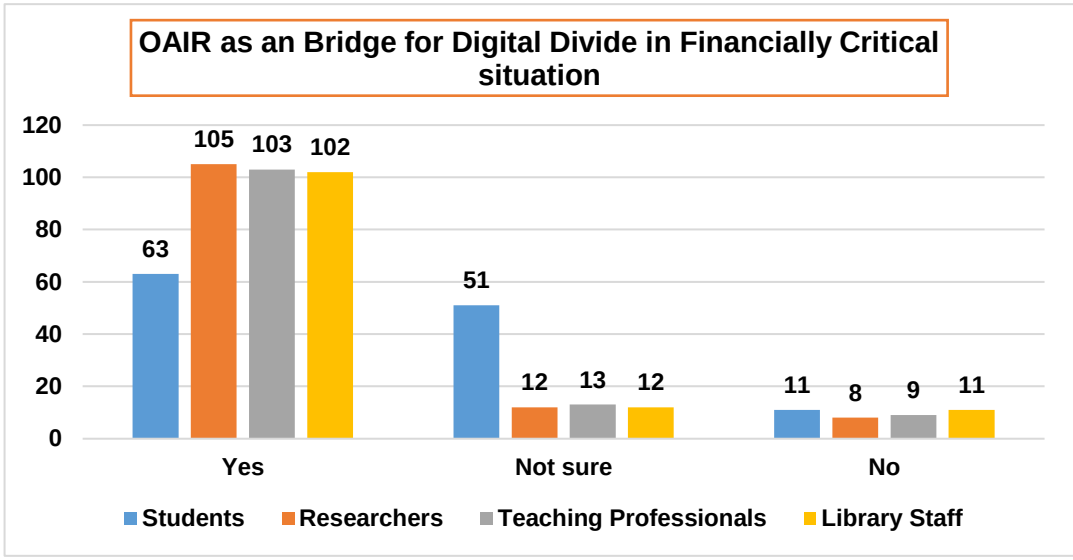


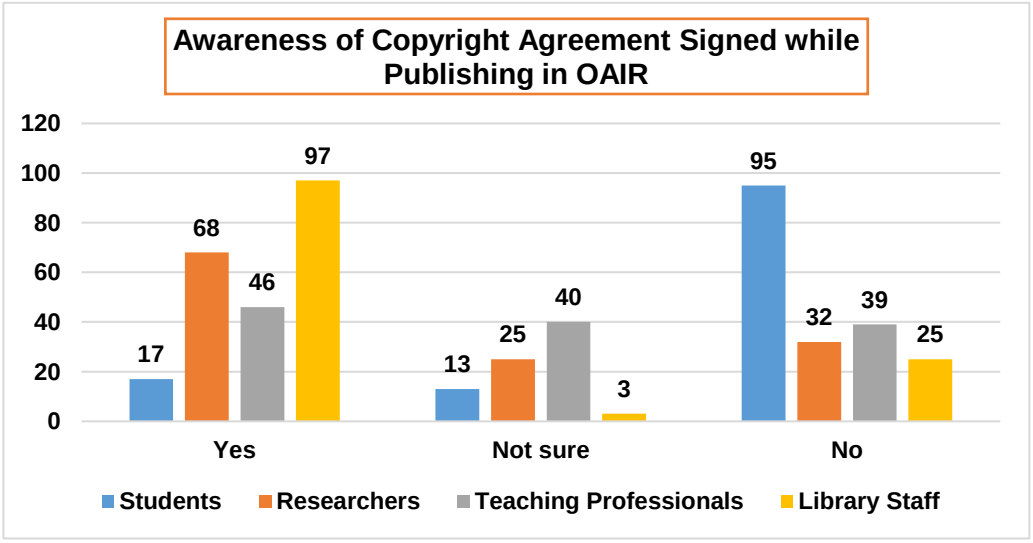


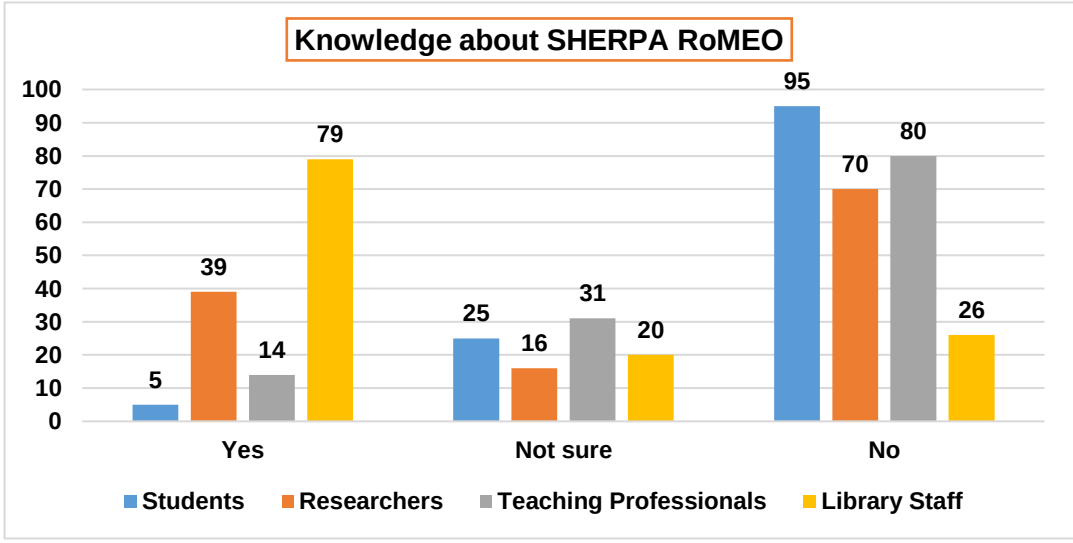


SURVEY RESULTS [2]

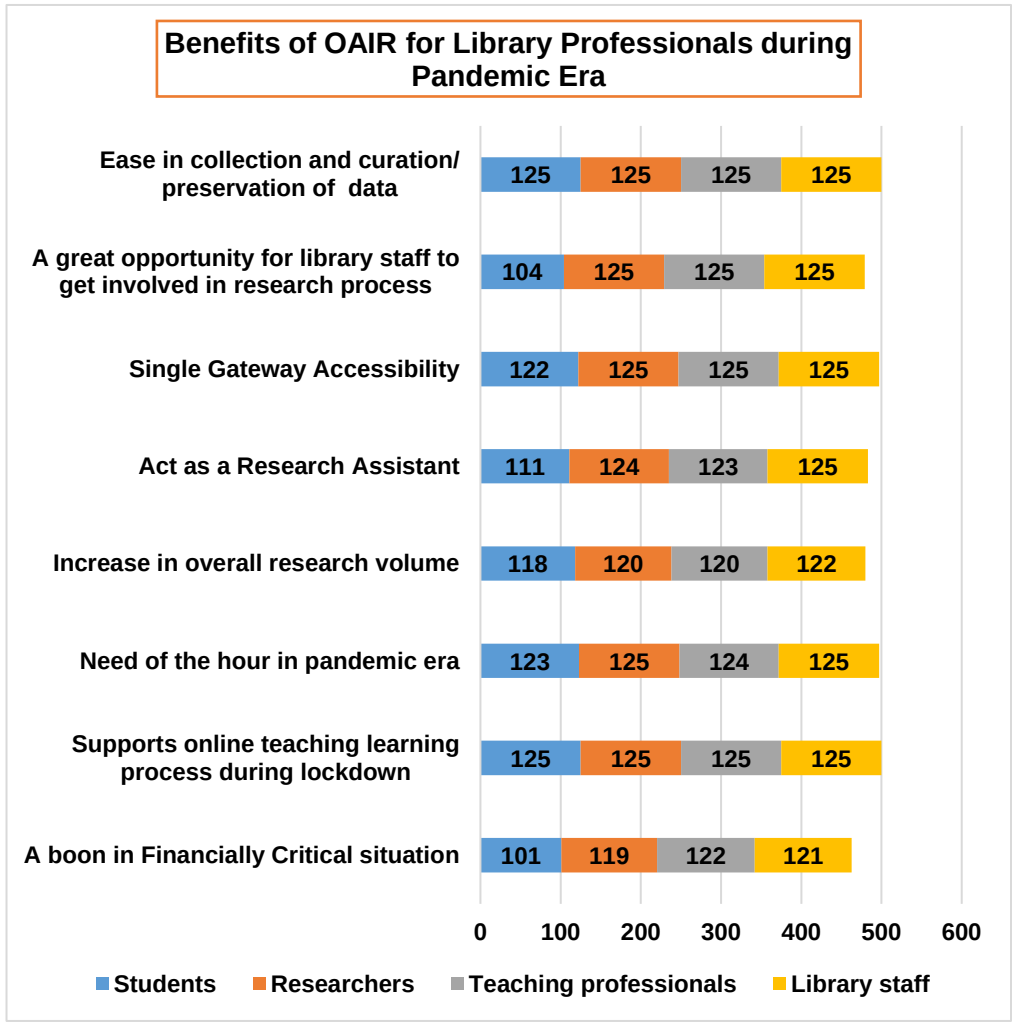


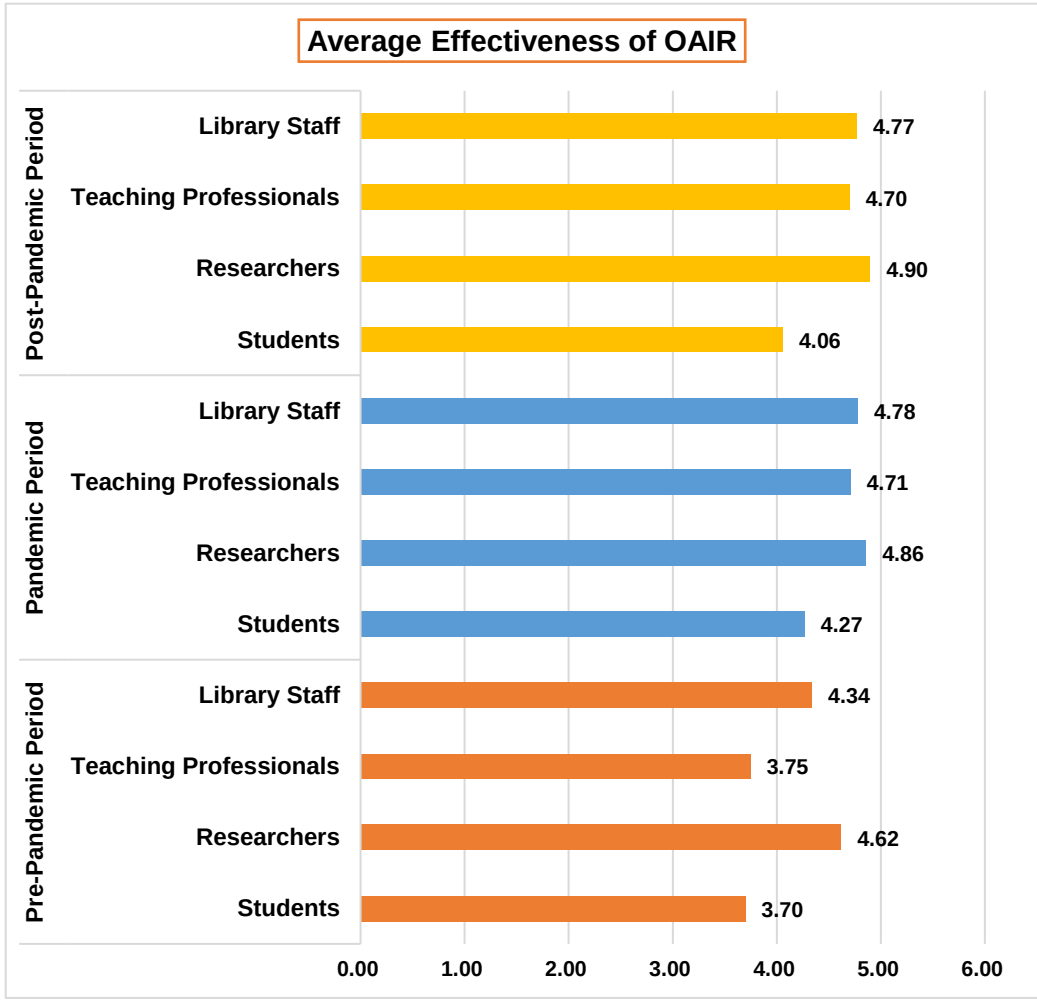






SURVEY RESULTS [3]





KEY FINDINGS

- It can be revealed from the study that according to OpenDOAR database there are total of 84 OAIRs in India. Most of them are using DSpace and E-Print software.
- There is a consistent growth of Indian OAIRs in OpenDOAR and most of them are updated with time.
- Teaching professionals required to give more importance towards the usage of OAIRs and students need more awareness about the benefits of it.
- OAIR effective during COVID-19, need to aware publishers about copyright, publishing policies of Open Access Institutional Repositories, and SHERPA RoMEO.
- Indian OAIRs played a significant role in promoting web accessibility and eliminating digital divide in this changing system of education.
- During pandemic an invaluable source of information specially in era of digital India.
- Repositories should focus more on the other types of content along with the Journal articles and theses & dissertation to attract more students and teaching facility and should provide content in other Indian languages too other than English

Conclusion

- Fulfillment of the objectives
- Future implication
- Limitation

Thank You!