

## Item-wise Compliance Report

on the ARF project titled 'Database on Communication Disorders published in India'

Sl. No.	Chapters	Reviewer's comments with reference to Para and Page No. in the initial report	Details of Compliance with reference to Para and Page No. in the final report
1	Introduction	<p><b>Introduction</b> is brief but well focused on the topic of the study. In view of the research study probably being the very first attempt to establish database on communication disorders in Indian literature, the brief introduction is quite acceptable.</p> <p>The <b>aim</b> of the study is clearly spelt. There are <b>SEVEN specific objectives</b> listed as follows:</p> <ol style="list-style-type: none"><li>1. To serve as a single-entry point to access the Indian literature on communication disorders</li><li>2. To provide organized access and facilitate easy retrieval of resources</li><li>3. To facilitate an online gateway of Indian literature on</li></ol>	<p>The objectives have been modified as per the reviewer's suggestions (Para 3, Page no.2)</p>

		<p>communication disorders</p> <ol style="list-style-type: none"> <li>4. To create and develop metadata contents and facilitate searching and browsing of the multimedia contents</li> <li>5. To facilitate information sharing among users through notification, file sharing, and co-operative document preparation</li> <li>6. To facilitate quantitative analysis of Indian literature on communication disorders</li> <li>7. To act as a resource discovery tool on communication disorders in India</li> </ol> <p>The authors may explain (if my understanding making sense)</p> <ol style="list-style-type: none"> <li>a) The difference among Sl. No 1,3 and 7 <b>OR</b> Merge 1,3 and 7 to arrive at a common objective.</li> <li>b) The difference between Sl. No. 2 and 4 <b>OR</b> Merge 2 and 4 to arrive at a common objective.</li> </ol> <p>The above suggestion is made with the intention of streamlining the discussion section as per the objectives of the study</p>	
		The authors may indicate the period (from....year to ....year) for which the publications were explored in the <b>Scope of the study</b> to give clarity to readers (which is indicated in Method).	The period of coverage database has been incorporated in the scope of the study (Para 4, Page no.2)
2	Review of Literature	Section of Review is not found. It is understandable that the method of reporting research varies across disciplines. Considering that the research is funded by AIISH and carried out at AIISH, the protocol (format) for Research Report may be followed to maintain uniformity. <b>The same may be made available to authors by the Research coordination section.</b>	A new section 'Previous studies' has been incorporated in chapter 1. (Page nos.3-4)
3	Method	The authors have reported that Page No. 3: .... the literature pertaining to the field of communication disorders were classified under three broad divisions: Speech, Language and Hearing. They were further divided into topics such as Articulation/Phonological Disorders; Augmentative and Alternative	The subject categorization has been completely revised and it is mentioned under 'Materials and Methods'. (Page no. 5)

		<p>Communication; Clinical Audiology; Communication Sciences &amp; Disorders; Diagnostic Audiology; Hearing Science; Language Development &amp; Disorders; Motor Speech Disorders; Neuroscience for Communication Disorders; Pediatric Audiology; Phonetics and Linguistics; Rehabilitative Audiology; Speech/Language Intervention; Speech and Hearing Science; Speech Pathology Assessment/Diagnosis; Stuttering/Fluency; Swallowing/Feeding Disorders/ Dysphagia.</p> <p><b>Remarks:</b> How did the authors arrive at these categories? Did they take input from the concerned professionals or was there a professional advisor from Speech and Hearing in the Research project? If so, it is better to mention in the report.</p> <p><b>Suggestion:</b> The categories may be listed in series under the three broad divisions (Speech, Language and Hearing) instead of narrating in a text form.</p>	
		<p><b>Collection of Resources:</b></p> <p>Justification for basing categories on MIT Encyclopedia of Communication Disorders (MITECD) may be made strong since there are other sources of information (e.g., ASHA)</p>	<p>The Indian Literature Database on Communication Disorders has been completely re-designed and developed using the latest version of the DSpace digital repository software. In the newly developed system, the communication disorders have been categorized broadly into audiology and speech-language pathology. The above categorization is followed in 'Comdisdome', the only known bibliographic database exclusively on communication disorders.</p>
		<p>Page No. 4 and Page No. 6: Information is redundant but under different heading. May plan to keep information under one of subsections.</p>	<p>The redundant information has been removed.</p>

		<p>Page No. 4: ‘Customization and Development of the Database Platform The selected software applications was customized as per the requirements and the database was developed’.</p> <p><b>Remarks:</b> The sentence is too vague to understand how it was customized. Authors may elaborate on the requirements and procedure.</p> <p>Page No. 5: Again, the categories to be listed as mentioned above</p>	<p>The details of software customization, the basis of customization, procedures etc. have been mentioned in the revised report under the section ‘Materials and methods’ in chapter 1 Introduction, chapter 2 ‘System design’ and chapter 3 ‘System development’ (Page nos. 1-23)</p>
		<p>Page No. 6: ‘The details of the Indian publications on communication disorders, published till 31<sup>st</sup> March 2018’.</p> <p>The authors may indicate from .....to 31<sup>st</sup> March, 2018 to give clarity on the period</p>	<p>The period of coverage has been indicated clearly. (Page no. 2)</p>
		<p>Page No. 6: instead of the phrase.....’ since the inception of the journals’, may indicate the exact year(s)</p>	<p>Publication years of the Indian journals on communication disorders included in the database have been indicated.(Page no.15-16)</p>
		<p><b>Page No. 7:</b></p> <p>6. Indian Journal of Applied Linguistics</p> <p>7. Indian Journal of Applied Linguistics</p> <p><b>Remarks: Repetition</b></p>	<p>The repetition has been removed.</p>
		<p>Page No. 8: .....’In addition, an online questionnaire was developed indigenously using PHP and requested the speech and hearing professionals in the country to provide their publication details. Only a meagre number of professionals responded to the request.’</p> <p><b>Remarks:</b> Authors may indicate the time given to respond in terms of number of weeks/months since the project itself was for a duration of 18 months.</p> <p><b>Suggestion:</b> Authors may indicate the percentage of response obtained. If the percentage is negligible, they may discuss the reasons for it and</p>	<p>An explanation on data collection through online questionnaire has been given under the heading ‘Indian publications and presentations on communication disorders’ in chapter 3. (Page no.18)</p>

		<p>indicate if it is relevant to consider the data obtained from this approach.</p> <p>Page No. 14: ‘Creation of Top Level Communities under (a) Speech-Language, (b) Hearing (c) Speech &amp; Hearing’</p> <p>Under system planning and design, this sentence is not making sense to me. How does establishment of National database objective relate to this: Please elaborate.</p> <p>Change bulleted points to numbering for easy identification. For e.g..Bullet no. 1 and 14 may be merged and stated as one point?</p>	
4	Results & Discussions	<p><b>Remarks:</b> There is no information.</p> <p><b>Suggestion:</b> Authors may subject the database for a pilot study and present the results and discussion. This would endorse the usefulness of the database.</p>	<p>The section has been completely revised. (Page nos. 7-23)</p> <p>The results of the study have been presented in the form of System Development (<i>Chapter 3</i>). A new chapter titled ‘Discussion and conclusion’ has been incorporated. (Page nos. 24-26)</p> <p>As the Reviewer has rightly pointed, pilot study would have strengthened the project. But, the duration of the project is limited and it is practically difficult to conduct a pilot study at this stage. Hence, it may kindly be exempted. However, in compliance with the reviewer’s suggestion, a feedback study will be conducted and based on it, the database will be modified.</p>

5	Summary & Conclusions	<p><b>Page 19:</b> Authors indicate that ‘The present project developed a literature database on communication disorders published in India’.</p> <p><b>As a Reviewer, I have no access to the database to verify if it is published nor do I see any results and discussion on the established database.</b></p> <p>Authors may give access to database to verify to submit the final Review Report.</p>	<p>A public IP link to the Indian Literature Database on Communication Disorders has been provided at the end of Chapter 3, System Development’ (Page no. 23)</p>
		<p>Authors have mentioned that ‘...increase the visibility of Indian publications’. Would this ‘InLiCom’ or <a href="http://192.168.102.43.8080/xmlui">http://192.168.102.43.8080/xmlui</a> be linked to Google Scholar or any other search engines?</p> <p>The authors’ plan to increase the visibility may be made explicit at this stage.</p>	<p>The visibility part of the database developed can only be addressed after making it available on the web. It is mentioned in Chapter 4 under ‘Discussion’ and ‘Future Plans’ (Page no. 25)</p>
		<p>My understanding of ‘InLiCom’ is ‘Indian Literature on Communication Disorder’ that might mislead the person who accesses the site that the literature is available. But, it is only a database that leads to the literature through another link (if accessible). If possible, the acronym may be modified to give better clarity.</p>	<p>The database has been renamed as Indian Literature database on Communication Disorders (ILCD). However, it may please be noted that even renowned databases which provide only the bibliographic information (like author, title, publication name) have the word ‘literature’ in their name. Examples: MEDLINE (Medical Literature Analysis and Retrieval System Online) and EconLit (Economics Literature).</p>
6	Reference	<p><b>Missing references:</b></p> <p>Bankier and Gleason (2014) MIT Encyclopedia of Communication Disorders (MITECD)</p>	<p>The references have been modified. (Page no.</p>
7	General	<p>The report does not conform with the standard research report protocol</p>	<p>Sections on Review (Previous</p>

	Comments	<p>generally followed in academia.</p> <p>For example, there is no section on Review, nor on Results and Discussion</p> <p>Font type, size, bold face is highly varied.</p> <p>Section and sub-section headings are not indented properly with uniform system (say, APA) Numbers, alphabets, bullets are used inconsistently in the text. Authors may adhere to a common system.</p>	<p>studies), Results and Discussions are added newly.</p> <p>The issues related to the format have been corrected.</p> <p>It may please be noted that the <i>Database on Communication Disorders Published in India</i> is basically an infrastructure development project funded through AIISH Research Fund. The objective is to develop a new IT infrastructure indigenously at reasonable cost using open-source software. The research component of the project is not that strong. However, efforts have been made to prepare the revised report in conformation with the computer-based information system development projects.</p>
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Date: 11.03.21

Signature of the Principal Investigator