**ALL INDIA INSTITUTE OF SPEECH AND HEARING**

**PRODUCT DEVELOPMENT CELL**

SH/PDC/ARF/2017-18 25.05.2017

Submitted to the Director,

Sub: Submission of project proposal under AIISH Research Fund.

Ref: SH/CDN/ARF 1.2/2017-18 dated 15.05.17

Respected Madam,

Please find enclosed a project proposal titled **Development of clinically useful products from postgraduate dissertations carried out at AIISH**.Theproject will be very much useful and will support the publication activities of the Institute. Considering this, it may kindly be accepted even though all the investigators have two ongoing AIISH funded research projects.

Thanking you,

 Yours faithfully,

 Dr. Shijith Kumar C

 In-charge, Product Development Cell &

 Library and Information Officer

ARF PROJECT PROPOSAL

Part A

1.0 Title of the Project Development of clinically useful products from post graduate dissertations carried out at AIISH

 Area of research General

1.1 Principal Investigators Mr. Prashanth Prabhu P

 Lecturer in Audiology

 AIISH, Mysuru

 prashanth.audio@gmail.com

 Mr. Reuben Varghese

 Speech Language Pathologist Grade II

 AIISH, Mysuru

 reuben\_aslp@yahoo.com

1.2 Co-Investigator Dr. Shijith Kumar C

 Library and Information Officer

 AIISH, Mysuru

 cshijithkumar@gmail.com

1.3 Collaborating

 Institution/

 Organization Nil

1.4 Total Grants required 4, 93,000/- (Four lakh ninety three thousand only)

1.5 Duration of the Project 12 months

2.0 Project summary

 The post graduate students of the institute carry out research in their course work and submit dissertations. Many of those dissertations include development of tests, word lists, therapy materials etc which can be clinically very useful. These materials can be widely used across different setups for evaluation and management of communication disorders. However, at present, very few dissertations are converted as marketable products. The present project aims to convert clinically useful dissertations as marketable products. The list of dissertations which are clinically relevant would be initially identified in the field of speech, language and hearing. The summary of the product would be detailed in the form of a book or electronic material. In addition, simple instructions on how to use the material would be provided. Normative data, if available for the material will be included in the product material. The designing of the product would be done by a graphic designer. Similar products and the products of same language would be combined into a single product too. The research officer would collect the relevant dissertations and shall prepare the booklet for the product under the guidance. The products thus designed and developed will be useful in clinical settings and in dissemination of knowledge pertaining to communication disorders.

**Aim and Objectives of the study:**

The aim of the project is to develop clinically useful test and therapy materials from the successfully carried out postgraduate dissertations at the Institute. The specific objectives of the study are:

* To identify and organize the clinically useful postgraduate dissertations
* To facilitate ready reference tools for the practicing speech-language pathologists and audiologists
* To support the clinical services in the area of communication disorders

1. Work plan

The study would be carried out in three stages:

Stage 1: Preparation of a list of successfully carried out PG dissertations at AIISH

Stage 2: Identification of dissertations having current clinical relevance

Stage 3: Editing of the contents by excluding the irrelevant information and constructing the product. The product would include brief summary of the material, instructions on how to use and information on interpretation of results (if any).

Stage 4: Designing of the products using appropriate software application

* 1. Time schedule of activities giving milestones

Review of dissertations 02 months

Preparation of Booklet/Graphic Designing 08 months

Report writing 02 months

5.0 Budget summary

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No. | Items | Details | Amount |
| a | Staff and salary | 1. Research officer - 1 No. (1\*12\*39,000) – M.Sc AUD/SLP | Rs. 468,000 |
| b | Graphic design | Outsource (Designing of 100 materials @Rs.200 per material) | Rs.20,000/- |
| c | Contingency and other expenses |  | Rs. 5,000/- |
| Total | Rs. 4,93,000/- |

6.0 Implication of the results of the study

1. Presentation of scientific papers:- No

 in professional seminars /

 Publication of articles

b) Discussion with professionals: Yes

c) To utilize the results in the

Development of remediation: Yes

7.0 Utilization of the results of the study

* The study will be useful for developing clinically useful products in the field of communication disorders.
* It will aid in dissemination of knowledge.
* It will assist in effective diagnosis and management of individuals with communication disorders

**8.0 Roles and Responsibilities**

Principal investigator **–** Mr. Prashanth Prabhu P

* Selection of clinically useful dissertations in the field of Audiology
* Content editing of the products in the field of Audiology
* Proof reading the designed materials in the field of Audiology
* Preparation of the project report.

Principal Co-investigator **–** Mr. Reuben Varghese

* Selection of clinically useful dissertations in the field of Speech-Language Pathology
* Content editing of the products in the field of Speech-Language Pathology
* Proof reading of the designed materials in the field of Speech-Language Pathology
* Preparation of the project report

Co-investigator **–** Dr. Shijith Kumar C

* Co-ordination and execution of the Project
* Guidance on designing the products

**Part –B**

* 1. **Personal profile of Principal Investigators and Co-Investigator**
	2. **Personal profile of Principal Investigator**
		1. Name : Prashanth Prabhu P
		2. Date of birth: 09-05-1987 : Age: 29 yr
		3. Present Position held : Lecturer in Audiology
		4. Institution : AIISH
		5. Whether belongs to SC/ST : No
		6. Academic & Professional Career :

# Academic

**Highest Academic Degree Year University / Institution**

 M. Sc (Audiology) 2010 University of Mysore

* + 1. Projects completed (Principal Investigator) : Nil
		2. Projects completed (Co- investigator): 02
1. Development of low frequency word lists in Hindi and Kannada
2. Effect of frequency specific amplification on speech perception in individuals with ANSD
	* 1. Doctoral theses guided : Nil
		2. Doctoral theses under progress : Nil
		3. Master’s dissertation guided
		4. Master’s dissertation under

Progress Nil

* + 1. Publication in journals : 41
		2. Books edited, monographs : Nil
		3. Awards :

Received best Paper Award at International symposium on Audiological Sciences conducted in 2013 and 2015.

Received best paper award at International conference on OAE

* + 1. Memberships :Rehabilitation Council of India

 Indian Speech and Hearing Association

* + 1. Others : Nil
		2. Other research projects as PI/Co-Investigators (ARF, Extra Mural) : Computerized training for Kannada speaking children with Hearing Impairment – ARF-2015-16: Report to be submitted

Development of low frequency range word list in Malayalam – ARF 2016-17 – Project Under Progress

* + 1. Principal Investigator address : AIISH, Mysuru

Mobile: 8904353390

 E-mail : prashanth.audio@gmail.com

**2.1 Personal profile of Principal Co-Investigator**

2.1.1. Name : Mr. Reuben Varghese

 2.1.2. Date of Birth: : Age: 29 years

 2.1.3: Present Position held : SLP Grade II

 2.1.4: Institution : AIISH

 2.1.5: Whether belongs to SC/ST : No

 2.1.6: Academic and Professional Career

**Highest Academic Degree Year University / Institution**

 M. Sc (SLP) 2012 University of Mysore

 2.1.7: Projects completed as principal investigator: Nil

 2.1.8: Projects Completed as Co-investigator: Nil

 2.1.9: Doctoral Thesis guided: Nil

 2.1.10: Doctoral thesis under progress: Nil

 2.1.11: Masters Dissertation guided: Nil

 2.1.12: Masters dissertation under progress: Nil

 2.1.13: Books Edited, monographs: Nil

 2.1.14: Publications in Journals: Nil

 2.1.15: Awards: Abhilash Award for best clinician

 Best paper in voice Phonocon 2012

 2.1.16: Memberships: Rehabilitation Council of India; Indian Speech and Hearing Association

 2.1.17: Other research projects as Co-Investigators (ARF, Extra Mural): Nil

 2.1.18: Address of Co-investigator: AIISH, Mysuru

 Phone Number: 09620512360

 Email: reuben\_aslp@yahoo.com

**3.1 Personal profile of Co- Investigator**

 **3**.1.1. Name : Dr. Shijith Kumar C

 3.1.2. Date of Birth: : Age: 43 years

 3.1.3: Present Position held : Library and Information Officer

 3.1.4: Institution : AIISH

 3.1.5: Whether belongs to SC/ST : No

 3.1.6: Academic and Professional Career

**Highest Academic Degree Year University / Institution**

 Ph.D 2004 University of Mysore

 3.1.7: Projects completed as principal investigator: 01

 3.1.8: Projects Completed as Co-investigator: Nil

 3.1.9: Doctoral Thesis guided: Nil

 3.1.10: Doctoral thesis under progress: Nil

 3.1.11: Masters Dissertation guided: Nil

 3.1.12: Masters dissertation under progress: Nil

 3.1.13: Books Edited, monographs: - Nil

 3.1.14: Publications in Journals: 1 in last five years

 3.1.15: Awards: Nil

 3.1.16: Memberships:Nil

 3.1.17: Other research projects as Co-Investigators (ARF, Extra Mural): Nil

 3.1.18: Address of Co-investigator: AIISH, Mysuru

 Phone Number: 0821-2502150,8904430355

 Email: cshijithkumar@gmail.com