



JSS Institute of Speech and Hearing Kelageri, Dharwad

(Recognized by Rehabilitation Council of India, Govt, of India.

Affiliated to Karnatak University, Dharwad)

ANNUAL REPORT **2019-20**



Harnessing
Abilities
Rebuilding
Lives



Contents

- **About the Institute**
- **Message from the Director**
- **Academic activities**
- **Research**
- **Clinical activities**
- **Administration activities**
- **Others**

About the Institute



JSS Institute of Speech and Hearing, Dharwad was established in 2014, with the objectives of providing quality education, affordable clinical services, public education and need based research. The institute is affiliated to Karnatak University, Dharwad, and is recognized by Rehabilitation Council of India, Govt, of India. The institute is the first centre in north Karnataka offers Bachelor of Audiology and Speech Language Pathology (BASLP) course. Clients from all over north Karnataka, Goa and southern Maharashtra avail speech and hearing services from the institute.

Director's Message



activities such as camps, orientation programs to create awareness among the general public. Like other JSS institutions, we are committed to provide quality education and clinical services. I am sure that the institute will be a centre for early identification, assessment and rehabilitation of communication disorders in northern Karnataka.

Prof. N.P.Nataraja, Ph.D

Director

With the blessings of His Holiness Jagadguru Sri Shivarathreeshwara Deshikendra Mahaswamiji, JSS Mahavidyapeetha, Mysuru has established JSS Institute of Speech and Hearing, Mysuru in the year 2001. The institute is well known for its quality of education and services. As there was a huge population having communication disorders in northern part of Karnataka, where speech and hearing services are seldom available, we have established our second institute. JSS Institute of Speech and Hearing, Dharwad has been established in the year 2014. The centre aims to generate quality human resources and also to reach out to the needy population in this region. The institute also conducts public education



ACADEMIC ACTIVITIES

The institute offers Bachelors of Audiology and Speech Language Pathology (BASLP) course (4 years course, including 1 year internship). Admissions, curriculum, examinations and vacations are adhering to the guidelines of Karnatak University, Dharwad as well as Rehabilitation Council of India (RCI), New Delhi.

NUMBER OF BASLP STUDENTS

Course	Intake	No. of Girls	No. of Boys	No. of drop out	Total
I BASLP	25 +3	17	11	Nil	28
II BASLP	25 +3	21	7	Nil	28
III BASLP	25+3	18	10	1	27
Interns	25+4	18	11	1	28

Result of BASLP Examinations-

April- May 2019

Semester	Distinction	1st class	2nd class	3rd class	Fail
II semester	5	19	4	Nil	Nil
IV semester	13	14	Nil	Nil	1 (Repeater)
VI semester	4	19	3	1	1

Nov- Dec 2019

Semester	Distinction	1 st class	2 nd class	Fail
I semester	6	21	1	Nil
III semester	8	19	1	Nil
V semester	12	15	Nil	Nil

Clinical Conference

- The clinical conference titled 'Importance of vaccination against Rubella' presented by Ms.Shalini and Ms.Kavya under the guidance of Mr. Sabarish, Lecturer in Audiology received best clinical conference award for the academic year 2018-19.

Visiting Faculty

- Dr. Ramesh Bettgere, Consulting Speech – Language Pathologist and Audiologist, Louisiana, USA served as a guest faculty between 06.01.2020 to 21.01.2020.



Library

- 154 books and 5 ISHA monographs have been purchased.

Equipment Purchased:

- Inventis HARP Basic LT. Audiometers-2
- Inventis Timpani Impedence Screening impedance meter-1
- Inventis Flute Model HF. Diagnostic impedance meter-2
- Inventis Drum Hearing Aid Analyser-1

- Inventis Trumpet. Real ear measurement-1
- OAE+ABR: OTONOVA-2
- Heine Mini 3000 otoscope.
- Shruti box
- Dr. Speech and accessories
- Tiger EGG and accessories
- Eureka Forbes –REVIVA- 50 LPH water purifier
- DELL computers -20
- DELL laptops-2
- Canon 2525W Photocopy machine
- Jio Wi-Fi modem

Internship:

- Internship students have external postings at JSS Institute of Speech and Hearing, Mysuru, Dharwad institute of mental health and neurosciences (DIMHANS), KIMS, Hubballi, Vithal clinic and Ushas special school for the duration of 1 month.

RESEARCH

The Institute supports faculty and students to conduct research in the domains of speech, language, hearing and their disorders as well as in the areas of its application for effective communication.

Publications 2019-20				
Sl No	Title	Journal	Author	Status
1.	Gain Adjustment at Tinnitus Pitch to Manage both Tinnitus and Speech Perception in Noise	Dr. Jijo P M	Journal of Otology	Published
2.	Prevalence and Causes of Communication Disorders- A Retrospective Study from Northern Karnataka	Dr Jijo P M Ms Sandhya	Clinical epidemiology and global health, 2020, 138-141	Published
3.	Phonological working memory in children with Normal non-fluency	Ms Theaja Kuriakose	The journal of Rehabilitation Council of India, Vol 13, Issue No.1 & 2, 2017	Published

4.	Guillian Barre Syndrome and sensori neural deafness-A case report	Mr Aravinda	Pediatrics & Neonatal Biology Open Access: Vol 4, Issue 2, 2019	Published
5.	Naming differences among lexical categories in Hubli-Dharwad (India) Kannada dialect.	Ms Sandhya Mr Aravinda	Research journal of Language literature and Humanities (2020), 7 (1), 1-8.	Published
6.	Pattern of Disfluencies in children of North and South Karnataka	Ms Theaja Kuriakose	International Journal of Health Sciences and Research, Vol.10; Issue 4; April 2020	Published
7.	Speech Rhythm of Adult Individuals with Hearing Impairment	Ms Theaja Kuriakose	Journal of Acoustical Society of India	Accepted

Book Chapter

Dr.Jijo P.M. wrote a chapter in ISHA monograph titled 'Hearing aid fitting strategies for individuals with ANSD'. Clinical Aspects in Hearing Aids. ISSN 0974-214X. page No. 16-169.

Doctoral Thesis evaluated

Sl No	Title	Reviewer
1	'Auditory, Neurophysiological and Cognitive Factors of Hearing aid Acclimatization in Individuals with Cochlear Hearing loss'. University of Mysore	Dr. Jijo P M
2	Role of Temporal Parameters in Speech Perception in Individuals with Hearing Impairment' University of Mysore	Dr. Jijo P M

Presentations:

SI No	Title of the study	Authors	Presentation details	Seminar/ Conference
1	Audiological characteristics and aided benefits in individuals with late onset ANSD	Mr.Sabarish A Swards S Renuka Prasad	Poster	TRANSPIRE 2020 conference, 17 th and 18 th January, Manipal
2	Anomic aphasia: An effective treatment plan	Ms. Sandhya Chandana B Naik Sneha Hiremath	Poster	
3	Familial AuditoryNeuropathy Spectrum Disorder – A case report	Mr.Sabarish A Mr.Aravinda H.R Prasad C M Shalini	Poster	
4	Conduction aphasia : A case study	Ms. Theaja K , Lecturer Deepika K, III BASLP Thejaswini M R, III BASLP	Poster	National Seminar on Assessment and management of Dysphagia and Neurogenic communication Disorders at Shravana Institute of Speech and Hearing, Ballari on
5	Spastic cerebral palsy : A case study	Ms. Theaja K , Lecturer Vinayak Hulihalli , III BASLP Sumanth M C , III BASLP	Poster	
6	Asperger's syndrome : A case study	Ms. Theaja K , Lecturer Shashank D , III BASLP Shreya R , III BASLP	Poster	

7	Adductor Spasmodic dysphonia: A case study	Ms. Sandhya, Lecturer Divya, III BASLP Surabhi, III BASLP	Poster	24 th and 25 th January
8	Dysarthria: A case profile	Ms. Sandhya, Lecturer Mohita, III BASLP Pushpa, III BASLP	Poster	
9	Dysphagia: Diagnostic profile	Ms. Sandhya, Lecturer Monika, III BASLP Kavyashree, III BASLP	Poster	

Best paper awards received

SI No	Title	Conference	Authors
1	‘Audiological characteristics and aided benefits in individuals with late onset ANSD ’	TRANSPIRE 2020, National symposium on problem based approach to the clinical practice in communication disorders. Held at MAHE, Manipal on 17 th and 18 th January 2020	Sabarish A, Renuka Prasad, Swarada S, III BASLP.
2	National Seminar on Assessment and management of Dysphagia and Neurogenic communication Disorders	Adductor spasmodic dysphonia- A case study’ held at Shravana Institute of Speech and Hearing, Ballari on 24 th and 25 th January 2020.	Sandhya K, Divya, Surabhi, III BASLP

Clinical activities

CASE STATISTICS APRIL 2019-March 2020

Speech Language Pathology

Speech and Language Diagnostics							
Period	Voice	Fluency	Articulation	CLD	ALD	MSD	Total
2019 June – Dec 2019	06	19	31	290	14	57	417
2020 Jan – Feb 2020	2	3	10	104	0	13	132
Total	8	22	41	394	14	70	549

Therapy cases

Disorders	Case Numbers	Sessions
Voice	6	58
Fluency	17	53
Articulation	55	59
CLD	769	1543
ALD	9	59
MSD	150	299
Total	1006	2071

Audiology

Period	Normal	SNHL	COHL	MHL	ANSD	Tinnitus	Functional	Total
2018-19 Dec-May	41	402	33	59	12	23	43	613
2019 June – May 2020	81	590	47	114	13	35	51	931
Total	122	992	80	173	25	58	94	1544

ADMINISTRATION ACTIVITIES

- Received KUD affiliation for the academic year 2019-20
- Submitted documents related to affiliation continuation for the academic year 2020-21 to the University.
- University Local Inspection Committee visited the institute on 8th February for continuation of affiliation for the academic year 2020-21.
- Details on the institute are uploaded on AISHE (All India Survey on Higher Education) website. Received certificate from AISHE.

Important administration activities

- First Graduation Day of the institute was celebrated on 2nd April 2019.



- Career guidance program was carried out by our staff in colleges of Hubli – Dharwad for the 2019-20. A total of 20 colleges were visited.

- Details on the institute are uploaded on AISHE (All India Survey on Higher Education) website. Received certificate from AISHE for the year 2019 and 2020.
- Stock verification 2018-19 for Instruments, books, furniture and sports materials were completed.
- Received scholarship ‘Vidyasiri (OBC)’ for OBC students from State Government of Karnataka.
- A separate PF account has been opened for the institute.

Visits:

- Staff and students of Applied Genetics, KUD visited our institute on 19/10/2019.
- Staff and students of Father Muller college of Speech and Hearing visited the institute on 8th February.

Website

- Information is updated on a regular basis in the institute website www.jssishdharwad.org

Promotion/ Appointment and Resignation

Name	Post held earlier	Promoted to the post
Dr.Jijo P.M.	Reader	Professor
Ms.Theja K	Lecturer	Reader

Sl No	Staff	Designation	Appointment/Resignation date
1.	Aravinda H R	Lecturer	Appointed on 13/01/2020

2.	Mr. Harshavardhan	Grade II Clinical Supervisor	Appointed on 24/09/2019
3.	Mr. Sachin B Thirlapur	Bus Driver	Appointed on 04/09/2019

Other developmental activities

- Facebook, Twitter and Instagram accounts have been created for publicity, as per the guidelines of AISHE, MHRD, Govt of India. Mr. Aravinda , Lecturer in Audiology was nominated as Social Media Champion.
- Client Based Learning (CBL) has been introduced to Internship students. In this, each of the students has to present details of a patient which they have assessed during their diagnostic postings.
- In the holy presence of Jagadguru Sri Shivaratri Deshikendra Mahaswamiji, building plan presentation of Speech and hearing institute and Hostels were conducted on 08.11.2019. Mr.Mahesh R., Medical Director, JSSMVP, Dr,N,P,Nataraja, Director JSSISH, Dr.Jijo P.M. Principal, JSSISH Dharwad and others were present.
- Therapy materials were purchased for TOY LIBRARY and it is set-up in clinics. Materials are being used by students for therapy.

ACTIVITIES AT THE INSTITUTE



Camps:

1. A Speech and hearing screening and free hearing aid distribution camp was organised at JSS Institute of Speech and Hearing , Dharwad and Government Deaf School, Belgaum in association with AYJNISHD, Mumbai and Indian Red Cross Society , Belagavi from 08.06.2019 to 12.06.2019. The camp was supported by Government Deaf School, Vidyagiri.

Sl No		No. of patients
1.	Total no. of patients	237
2.	Total no. of hearing aid beneficiaries	198
3.	Total no. of hearing aids dispensed	377
4.	Total no. of adults(Beneficiaries)	85
5.	Total no. of children(Beneficiaries)	153
6.	Total no. of patients with Speech language disorders (Including Hearing impaired cases)	170



2. Camp held at JSS Institute of Speech and Hearing, Dharwad and Government Deaf School, Belgaum in association with AYJNISHD, Mumbai and Indian Red Cross Society, Belagavi from 21.02.2020 to 24.02.2020. The camp was supported Government Deaf School, Vidyagiri.



Sl No		No. of patients
1.	Total no. of patients	181
2.	Total no. of hearing aid beneficiaries	181
3.	Total no. of hearing aids dispensed	333
4.	Total no. of adults(Beneficiaries)	Nil
5.	Total no. of children(Beneficiaries)	181
6.	Total no. of patients with Speech language disorders (Including Hearing impaired cases)	181

Seminars and scientific talks

Funded Seminars

1. Seminar on 'Early Identification and Management of Communication Disorders- Role of ASHA workers' conducted on 08.02.2020 at JSS Institute of speech and hearing funded by Council of Indian Speech and Hearing Association (ISHA).



2. Two Days workshop on 'Dealing with differently abled Children: A Multidimensional Approach' conducted on 27.02.2020 and 28.02.2020 at Regional Science Center, Dharwad funded by Regional Science center, Dharwad



In-house seminar

Sl No	Topic	Participants	Date
1.	One day in-house Seminar on Significance of Case History and Counselling of Communication disorders	2 nd year and 3 rd year BASLP students	20 th January 2020

Scientific talks

Topic	Resource person	Date
Clinical aspects of Cochlear Implant.	Ms.Chethana Jaggal, Clinical Audiologist, St.Anna Krankenhaus, Germany	10th December 2019

Seminars/ Workshop attended by faculties:

- Ms. Akshata, Clinical supervisor Gr I and 28 students attended a workshop on ‘Acoustic analysis of Speech and voice on 28th and 29th of June 2019 at JSSISH Mysuru.
- Dr. Jijo P.M. Principal, attended ‘Second National Workshop on Learning Pedagogy for Teachers of Audiology and Speech Language Pathology’ at KMC, Mangalore from 1st to 3rd August 2019.
- Dr. Jijo P.M. Principal, attended a training program on State scholarship portal at KUD, Dharwad on 21.11.2019.

Public education

- Display materials and News paper articles regarding communication disorders were prepared.

Other activities conducted at the institute

- International Yoga day was celebrated on 21st June 2019.
- On the occasion of World Environment day plantation was carried out on 5th June 2019.
- Freshers day was celebrated on 24th August 2019.
- Independence day was celebrated on 15th August 2019 in association with JSS Public school and JSS Halbhavi school of arts.
- Jayanthi celebration was carried out on 7th September in association with JSS Public school and Halabhavi arts school.
- Kannada Rajyotsava was celebrated on 04.11.2019.
- Disability day was celebrated on 28th December 2019.
- First Alumni association meet was held on 15th February 2020.

NSS Unit:

- Awareness program for Noise awareness was carried out. NSS volunteers oriented the general public regarding risks of noise exposure and educated them on ear care and safe hearing.



- Mr. Sabarish A, NSS coordinator and 2 students attended NSS Leadership camp from 7th to 13th January at KUD, Dharwad



Cultural activities

- Cultural week was conducted in the institute from 23rd to 25th January 2020.
- Talents day was organized on 24th July 2019.
- 2 staff and students attended Suttur jatre. Students participated in cultural competitions. Folk dance secured 5th place.



- 2 staff and students attended AIISH AAWAAZ 2020, a intercollegiate cultural fest organized by All India Institute of Speech and Hearing and won several prizes.
- A district level science drama competition was organized by Regional science centre, Karnatak University, Dharwad. A State level was conducted by Regional science centre, Bangalore.

Team members	Roles	Prize
Kushal, Intern Deepika , III BASLP Kavyashree, III BASLP Chidan , II BASLP Sushmita, II BASLP Gaganashree, II BASLP Rithesh , I BASLP Shreya, I BASLP	Actors in the drama	Won first prize in District level and second prize in State level.
Mr. Aravinda H R , Lecturer in Audiology	Director	Best Director Award
Ms. Sandhya, Lecturer in SLP	Lyrics	Best Lyricist Award



Sports

- Cricket tournament for staff and students was organized on 1st November 2019.
- Sports day was conducted on 5th January 2020.
- JSS Premier League (JPL) was conducted on 15th February 2020

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