



JSS Institute of Speech and Hearing Kelageri, Dharwad

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

Affiliated to Karnatak University, Dharwad)

ANNUAL REPORT

2018-19



Harnessing
Abilities
Rebuilding
Lives



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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



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 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



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	21	7	Nil	28
II BASLP	25+3	18	10	1	27
III BASLP	25+4	18-	11	1	28
Interns	25	08	08	0	16

Result of BASLP Examinations-

April- May 2018

Semester	Distinction	1 st class	2 nd class	Fail
II semester	09	18	-	Nil
IV semester	05	14	09	1
VI semester	03	09	04	Nil

Nov- Dec 2018

Semester	Distinction	1 st class	2 nd class	Fail
I semester	06	22	-	Nil
III semester	08	19	09	1
V semester	06	17	04	1

Clinical Conference

- The clinical conference titled 'Differential diagnosis of Cochlear pathology versus retrocochlear pathology' presented by Mr. Geetesh and Mr. Avinash, III BASLP, guided by Dr. Jijo P.M received best clinical conference award for the academic year 2017-18.

Visiting Faculty

- Dr. Ramesh Bettgere, Consulting Speech-Language Pathologist and Audiologist, Louisiana, USA served as a guest faculty between 29.01.2019 to 15.02.2019.



Library

- 54 books and 7 ISHA monographs have been purchased.
- Received access for 'Master Clinician' website, USA.

Equipments Purchased:

- ALPS Sound-field systems
- Heine mini 3000 Otoscope.
- Canon Printer, EPSON Projector with accessories.
- Insert earphones.

- 1 Voice recorder
- TP link- WiFi connector

Internship:

- Internship students have external postings in Dharwad Institute of Mental Health and Neurosciences (DIMHANS), Dharwad, Vithal Pediatric Hospital, Dharwad and Ushas School for exceptional children, Hubballi.

RESEARCH

The Institute supports faculty and students to conduct research in the domains of speech, language, hearing disorders and their management.

A research project entitled 'Estimation of parental consanguinity in children with communication disorders' was approved by All India Institute of Speech and Hearing, Mysore for extra mural funding. The investigators are **Principal Investigators: Dr. Jijo P M** and Mr. Sreeraj K **Co-Investigators:** Ms. Sandhya ,Ms. Rashmi Pujar andDr. Shri Harsha Badiger. A project staff Ms. Preethi M is appointed on 7.11.2017 as a research officer and the work has completed. (Ref: No :SH/CDN/ ARF-AUD-5/2017-18, Grant Rs. 4,75,400/-)

Publications 2018-19				
Sl No	Title	Journal	Author	Status
1.	Behavioural and electrophysiological correlates of aided performance in individuals with late onset Auditory Neuropathy Spectrum Disorder (ANSD) - A review	Journal of Audiology and Otology: Vol 22, Issue 1, 2018	Dr. Jijo P.M.	Published
2.	Acoustic analysis on intonation in two dialects of Kannada – A comparative study	The Journal of Acoustical Society of India: Vol 45, No.1, 2018	Ms. Theaja K	Published
3.	Clinical findings of hearing and communication disorders in Goldenhar syndrome : A case	Pediatrics & Neonatal Biology Open Access: Vol	Mr. Sabarish	Published

	report	3, No 2, 2018		
4.	Occulocutaneous albinism with Autism Spectrum Disorders – A case study	Pediatrics & Neonatal Biology Open Access: Vol 3, No 3, 2018	Ms. Sandhya Mr. Aravinda	Published
5.	Efficacy of sound therapy using an Android based application in individuals with tinnitus	International Journal of Advance and innovative research, Volume 6, Issue 1, Jan- March 2019 (ISBN 2394-7780).	Mr. Sabarish A	Published
6.	Speech rhythm in Goan Konkani speakers	Journal of Indian Speech and Hearing Association	Ms. Theaja K	Accepted
7.	Acoustic correlates of perceived emotions among Hindustani singers'	Journal of Indian Speech and Hearing Association	Mr. Aravinda H R Ms. Sandhya	Accepted
8.	Awareness of speech, language and hearing disorders among anganawadi workers	Journal of disability management and special education, Vol 2, Issue 1, 2019.	Ms.Akshata S	Published

Scientific Presentations:

SI No	Title of the study	Authors	Presentation details	Seminar/ Conference
1	The Effect of Hearing Handicap On Personality - A Preliminary Study	Dr. Jijo P.M. Mr. Raju Mr. Gurumallesh Mr. Sharath	Poster	
2	Estimation of parental	Dr. Jijo P.M.	Poster	

	consanguinity in children with communication disorders	Dr. Sreeraj K Ms. Sandhya Ms. Preethi		ISHACON– 51 held at NIMHANS Bangalore on 8 th , 9 th and 10 th of January.
3	Comparison of nasalance between Goan Konkani and Karwar Konkani speakers	Ms. Theaja Ms. Stephy Ms. Meghana	Poster	
4	Pattern of disfluencies in children of north and south Karnataka	Ms. Theaja Ms. Sneha Hiremath Ms. Sneha Nadig	Poster	
5	Awareness of impact of consanguinous marriage among general public – a cross sectional questionnaire based study	Ms. Theaja Mr. Kushal Ms. Prithvi Mr. Prasad	Poster	
6	Naming differences among lexical categories in Hubli Dharwad Karnataka dialect	Ms. Sandhya Mr. Aravinda Ms. Kavya Ms. Raziya	Poster	
7	Influence of pan masala intake on voice parameters	Ms. Sandhya Ms. Priyanka Mr. Chethan	Poster	
8	Myths and misconceptions of communication disorders in north Karnataka	Ms. Akshata Ms. Sandhya Ms. Sushmita Ms. Meghana	Poster	
9	Study of phonotactic patterns in Goan Konkani- An Indo Aryan language	Ms. Akshata Mr. Rajendra Mr. Swaraj	Poster	
10	Effect of vowel space area on intelligibility in children with downs syndrome	Mr. Aravinda Ms. Chandana	Poster	

		Mr. Raju		
11	Yoga and aerodynamics – A positive correlation	Mr. Aravinda Ms. Dipti Mr. Kushal	Poster	
12.	Efficacy of sound therapy using an Android based application in individuals with Tinnitus	Mr. Sabarish A	Oral presentation	International Multidisciplinary Conference on “Use of Digital Technology in Business, Financial Services and Education Systems; Challenges & Opportunities” International Multidisciplinary Conference on “Use of Digital Technology in Business, Financial Services and Education Systems; Challenges & Opportunities” Seva Sadan, Pune on 9.02.2019
13.	Referral Rate of Infants for Identification of Hearing Loss by the Health Care Medical Professionals: Current Indian Scenario	Co- author : Mr. Sabarish A	Oral presentation	Sound Hearing Conference, Indonesia 2019.
14.	Anomic Aphasia secondary to Traumatic Brain Injury Associated with Depression: A case study	Ms. Sandhya	Oral presentation	National conference in Combat Depression 22 nd October 2018 at JSS Hospital, Mysore

Clinical activities

CASE STATISTICS APRIL 2018-MARCH 2019

Sl No:	Particulars	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	March	Total
1	Voice Disorders	-	2	2	3	2	2	3	-	1	6	1	3	25
2	Fluency Disorders	2	2	4	3	1		5	5		1	-	2	25
3	Articulation Disorders	2	3	2	-	4		1	3	3	2	1	2	23
4	Child Language Disorders	20	23	23	36	16	18	16	16	22	34	21	14	259
5	Adult Language Disorders	-	-	1	4	1	-	-	-	-	1	-	0	7
6	Motor Speech Disorders	-	02	1	3	-	2	-	-	3	1	1	2	15
7	Infant Screening	14	10	15	29	8	21	8	7	13	5	4	18	152
8	School Screening	-	-	-	-	147	-	-	-	-	-	-	66	213
9	CP clinic	13	-	19	14	12	12	12	11	14	24	15	14	160
10	Speech and Language Therapy cases	54	35	23	30	30	26	33	28	41	39	43	37	419
11	Number of sessions	301	206	196	191	209	214	213	189	202	340	371	292	2924
12	Audiology	37	48	55	73	62	48	36	42	56	65	53	41	616
13	Hearing Aid	3	3	3	11	-	9	1	5	1	4	-	4	44
	Total	145	128	148	206	283	138	115	117	154	182	139	203	1,958

ADMINISTRATIVE ACTIVITIES

Affiliation and University Inspection

- Received KUD affiliation for the academic year 2018-19
- Submitted documents related to affiliation continuation for the academic year 2019-20 to the University.
- University Local Inspection Committee visited the institute on 23rd January for continuation of affiliation for the academic year 2019-20.
- Details on the institute are uploaded on AISHE (All India Survey on Higher Education) website. Received certificate from AISHE.

Meeting

- 3rd GC meeting was conducted on 15th November 2018
- A BOE meeting was held at Karnatak University for appointing examiners for question paper setting for Nov/Dec 2018 university exams. Dr. Jijo P.M. attended the meeting.
- Dr. Jijo P.M. attended BOE meeting on 19th February at 11AM at Karnatak University.

Website

- Institute website is designed with all the necessary information and corrections are made. Website address is www.jssishdharwad.org

Building

- Building plan of the Institute was prepared as per the instruction from the President JSSMVP and Administrative Officer, JSSMVP, Dharwad Division. It has been forwarded to DME and the Director.
- Diagnostic clinic has been shifted from Srinagar circle to JSSISH, Kelageri premises on 12th December 2018.

Appointment and Resignation

Sl No:	Name	Designation	Appointment/ Resignation
1	Mr.S.F.Meti	Peon	Resigned on 4 th May.
2	Ms. Suvarna	Attender	Appointed on 17 th May Resigned on June 30
3	Mr. Praveen N	Attender	Appointed on June 21 st
4	Preethi . M	Project Staff	Relieved on 7 th November

Others

- External Audit has been completed for the academic year 2017-18.
- Internal audit is completed (April 2017- September 2018).
- Budget for the academic year 2019-20 has been submitted to MVP.
- Fee structure for the academic year 2019-20 was forwarded to MVP in connection with budget submission.
- Career guidance program was carried out by our staff in various colleges of Hubli – Dharwad.
- Dr Jijo P.M. corrected a thesis title ‘Perception of Kannada consonants among young and middle-aged adults with normal hearing sensitivity and hearing impairment’ by Mr. Mohan Kumar K and Dr Jayashree Bhatt from Manipal University.

A decorative header at the top of the page featuring silhouettes of people engaged in various sports activities like running, jumping, and playing ball, set against a light blue and white background.

ACTIVITIES AT THE INSTITUTE

The diagram illustrates the range of activities offered by the institute, arranged in a circular flow around a central photograph. The activities listed in the colored boxes are:

- Camp
- Seminar & scientific talks
- Public awareness activities
- Freshers
- Co-curricular activities
- Others

The central photograph shows a large group of staff and students posing in front of the institute building. A banner in the background reads:
ಜೆಎಸ್ಸಿ ಮಾಹಾವಿದ್ಯಾಪೀಠ, ಮೈಸೂರು
JSS Mahavidyapeetha, Mysuru
ಜೆಡಿಎಸ್‌ದಿನ್ ವಾಕ್ ಶ್ರವಣ ಸಂಸ್ಥೆ
JSS Institute of Speech & Hearing
Sri Shivarathreeshwara Nagar - Kalgere, Dharmad-582 907



Seminar & scientific talks

Public awareness activities

Freshers

Co-curricular activities



Camps:



- Audiological screening camp was conducted for employees of Hindustan Petroleum, Dharwad on 6th and 7th of June 2018. Statistics of the camp is given below.

Total individuals tested	Total individuals with normal hearing	Total individuals with affected hearing
94	47	47

- A Speech and hearing screening and free hearing aid distribution camp was organized at JSS Institute of Speech and Hearing, Kelageri Dharwad in association with Ali Yavar Jung National Institute of Speech and Hearing Disabilities, Mumbai and Rotary Bijapur from 25th to 27th July 2018. Statistics of the camp is given below.

Camps Statistics				
Sl.no		Dharwad	Bijapur	Total
1	Total no of patients	115	50	165
2	Total no of Audiological cases	115	50	165

3	Total no of hearing aid beneficiaries	109	49	158
4	Total no of Adults	59	3	62
5	Total no of Children	50	46	96
6	Total no of hearing aids dispensed	159	95	254



- On the occasion of World hearing day, free hearing evaluation camp was conducted on 2nd March. A total of 10 individuals were tested and counseled regarding the rehabilitation in the camp.

Seminars and scientific talks

- A seminar on 'Early Identification, intervention and class room management of children with communication disorders- Role of special educators' funded by Council for Scientific and Industrial Research (**CSIR**) was conducted on 28-07-2018.
- A talk on 'Compression technologies in Hearing Aids' by Dr. Hemanth N., Reader in Audiology, AIISH Mysuru on 03.11.2018.
- A talk on Neuroanatomy by Dr. Suma R, Principal, JSS ISH, Mysuru for 3rd BASLP on 03.11.2019.
- An In-house One day workshop on 'Recent advances in assessment and management of Fluency disorders' was conducted on 14th February 2019.

- Live demonstration of vocal fold movement, visualization of laryngeal and ear structures were carried out by Dr. Bhavana on 28th February. Staff and students attended the program.



Demonstration of hearing aid programming and a talk on the same was conducted by an Audiologist Mr. Mishan from Oticon on 11th March.

Public education pamphlets:

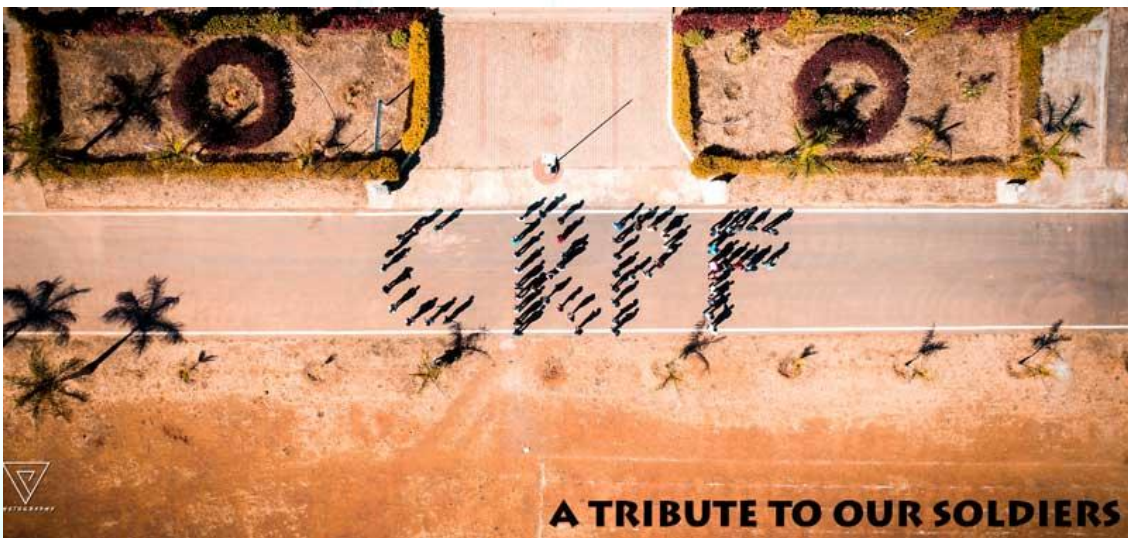
- ✓ 11 Public education pamphlets spreading awareness and providing information regarding various communication disorders were developed in English by staff and students. Below mentioned PEPs are uploaded in the institute website.
- ✓ Articulation disorders
- ✓ Autism Spectrum Disorder
- ✓ Early signs
- ✓ Facts about Hearing Loss
- ✓ Cleft lip and palate
- ✓ Hearing Aid Care and Maintenance
- ✓ How to care your hearing
- ✓ Learning Disability
- ✓ Stroke
- ✓ Stuttering
- ✓ Voice disorder

NSS Unit:

- NSS unit was inaugurated on 11th August 2018. A total of 73 students have enrolled as NSS volunteers.



- Many activities were carried out such as Campus cleaning, paper bags making etc.
- Students and Staff paid Tribute to CRPF soldiers who martyred in Pulwama Attack on February 14th 2019 by lighting candles.



- 18 NSS volunteers donated blood at to SDM Hospital, Dharwad.



Others:

- Students participated in Suttur jatre cultural competitions on 3rd and 4th of February 2019.
- 3D models and charts developed at the institute were displayed to create awareness among general public.



Results of Suttur jatre cultural competitions		
Sl No	Item	Prize
1.	Group classical dance	2 rd
2.	Vachanadharita Nrithya – Ms. Gaganashree	3 nd

- Students participated in ‘AIISH AAWAAZ 2019’ conducted by All India Institute of Speech and Hearing, Mysuru. They won prizes in various events. The list is given below.

Sl No	Event	Prize	Name of the students
1.	Pot painting	I	Prithvi
2.	Doodling	II	Prithvi
3.	Instrumental music	II	Chethan K
4.	Mime	I	Group
5.	Movie spoof	I	Group
6.	Mad adds	II	Group
7.	Skit	II	Group
8.	Parichay	I	Group

- World environment day was celebrated in the institute on June 5th 2018.



- International Yoga day was celebrated on 21st June 2018.



- Open day was organized on 13th July 2018.



- Student election was conducted on 06.08.2018. Student leaders were elected for the post of President, Vice president, Cultural and sports secretary.

Post	Name of the student	Class
President	Mr. Gurumallesh	III BASLP
Vice President	Mr. Gagan Kirangi	II BASLP
Cultural secretary	Ms. Meghana	III BASLP
Sports secretary	Mr. Raju	III BASLP

- Independence day was celebrated on 15th August 2018 in association with JSS Public school, Dharwad and JSS Halbhavi art school, Dharwad.
- Teachers' Day was celebrated on 5th September 2018.



- Ganesh Chaturti was celebrated on 13th September 2018. A Rangoli competition was held for the students on the same occasion.



- Cricket tournament for staff and students was organized on 1st November 2018.



- World Disability Day was celebrated on 22nd Dec 2018. Various cultural competitions were conducted for children with disability.



- Republic day was celebrated on 26th January 2019 in association with JSS Public School and JSS Halbhavi School.
- Cultural week was conducted from 23rd to 25th January 2019. Various interclass competitions were conducted for students by the Student Association.



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