

For Research

# ANNUAL REPORT

1978-79

1977-78.

ALL INDIA INSTITUTE OF SPEECH & HEARING  
MYSORE - 570006 INDIA

ANNUAL REPORT FOR THE YEAR 1978-79  
(1-4-1978 to 31-3-1979)

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## HIGHLIGHTS OF THE YEAR

This has been a year of certain significant changes. The examinations which were postponed indefinitely were held by the University of Mysore and thus there was satisfaction for its educational motive. There was a Workshop on Speech Therapy conducted for 2 weeks under U.G.C. grant, which has helped the Speech Pathologists and Audiologists working elsewhere in India by adding the recent in knowledge. Our Library has gained a lot of recent literature.

There have been 19 Camps held against 9 of last year and nearly 7000 people have been consulted, treated and guided.

A greater number of cases were dealt with satisfactorily. 4303 new cases against 3621 new cases during the last year.

Recently, more sophisticated instruments have been added.

The construction of Speech Pathology Block was completed and the Audiology Block is awaiting completion as the AC Plant is under progress.

Research and Publication have been progressing despite the vacancies raised in professional posts.

There was addition of an Administrative Officer. The Director of the Institute Dr. P.R.Kulkarni has requested for voluntary retirement. There have been addition in the Office staff and one Clinical staff.

The Students' Association, in a short span of time, has shown its interest in several areas and has kept keen interest in identifying its role in adult education and concern in disabled.

The Institute has continued to help and interact with

other Government institutions in its Clinical and educational sides to mention are, Central Institute of Indian Languages and K.R. Hospital, Mysore.

The staff of the Institute have continued to be active in the professional organizations. They have added to the public education in continuation, have exchanged the scientific ideas with people from other countries.

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ANNUAL REPORT FOR THE YEAR 1978-79  
1-4-78 to 31-3-79

INTRODUCTION

The Ministry of Health and Family Welfare, Government of India, established this Institute in the year 1965 as a Department of Government of India to shoulder the responsibility of imparting professional training, rendering clinical services to the public with Speech and Hearing Disorders and also conducting research in the field. Later the Institute was converted into an autonomous body and registered under the Societies & Registration Act, XXI of 1860 (Punjab Amendment) Act 1957 as extended to the Union Territory of Delhi and since then functioning under the aegis of the Union Ministry of Health and Family Welfare. The University of Mysore has accorded affiliation for teaching programme leading to the award of BSc and MSc and now Ph.D in Speech and Hearing.

GENERAL

There are about 36 to 100 million people afflicted with



is a gigantic effort which needs support and help from all quarters.

The Institute being only one of its kind in South East Asia, it has to play solitary role in the new field of Speech and Hearing, by adopting new methods through research done at the Institute by specialists, and also by bringing more qualified specialists into field such as Speech Pathologists, Audiologists, Otolaryngologists, Psychologists and Electronics Engineers.

#### Hours of work

Teaching	-	10 am to 1 pm
Clinical services	-	10 am to 5 pm
Office	-	10 am to 5 pm

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#### OBJECTIVES

The objectives of the Institute as enshrined in the Memorandum of Association are as follows:

##### I - Training

- (a) To provide and assist in providing general professional and technical education and training in Speech and Hearing for graduate, post-graduate and Doctorate courses of a University;
- (b) To provide and assist in providing general professional and technical education and training to various categories of personnel, e.g., Medical, Para-medical, Non-medical, etc.;
- (c) To undertake, organise and facilitate

the above mentioned objects;

- (d) to undertake and provide for publication of journals, research papers, etc., and to establish and maintain libraries and information services in furtherance of the objects of the society;
- (e) to invite representatives of Governments, Universities and other organisations of India and of Foreign countries to deliver lectures on subjects in which the society is interested;
- (f) to co-operate with international agencies engaged in speech and hearing research and training and arrange for interchange of personnel, material and data;
- (g) to institute, offer and grant prizes, awards, scholarships, research grants and stipends in furtherance of the objects of the society.

## II - Research

- (a) To provide and assist in providing facilities and encouragement to research in speech and hearing, their disorders and the concerned diseases of ear, nose and throat.

## III - Clinical Services

- (a) To provide and assist in providing clinical and surgical services for those with speech and hearing handicaps and ear, nose and throat diseases;
- (b) to assist in the development of speech and hearing clinics in hospitals and other centres.

## IV - Public Education

- (a) To educate the public about communicative disorders;
- (b) to stimulate interest in speech and hearing through publicity and mass communication and co-operate with other agencies and institutions or professional associations.

## V - Administrative and Financial

- (a) To create administrative, technical, ministerial and other posts under the society and to make appointments thereto in accordance with the rules and regulations of the society;

services of personnel and to pay them in return for the services, wages, gratuities, provident fund, and other allowances or remuneration in accordance with the rules and regulations of the society;

- c) to borrow and raise money and funds to further the objects of the society and to raise or collect funds by gifts, donations, subscriptions or otherwise of cash and securities and any property either movable or immovable and to grant such rights and privileges to the donors, subscribers, and other benefactors as the society may consider fit and proper;
- d) to invest and deal with funds and money of the Society;
- e) to subscribe to, or become a member of or to co-operate or amalgamate with any other association or society whose objects are similar;
- f) to sell, assign, mortgage, lease, exchange and otherwise transfer or dispose of all or any property movable or immovable, of the society for the furtherance of its objects or any of them, provided prior approval of the Central Government is obtained for any disposition of immovable property;
- g) to negotiate and enter into contracts on behalf of the society and vary and rescind such contracts;
- h) to accept and undertake the management of any endowment or trust fund or donation to further the objects of the society;
- i) to establish a contributory provident fund and Gratuity for the benefit of the employees of the society;
- j) to pay all costs, charges and expenses incurred in the promotion, formation, establishment and registration of the society;
- k) to do all such other lawful acts, deeds things either alone or in conjunction with other organisation or persons as the society may consider necessary, incidental or conducive to the attainment of the above mentioned objects or any of them.
- l) to undertake any other function that may be assigned to the society by the Ministry of Health and Family Planning (Department of Health) Government of India, in connection with speech and hearing.



# AUTHORITY OF THE INSTITUTE

The authority of the Institute is vested in the Executive Council composed of:

1. Sri Raj Narain, Union Minister of Health & Family Welfare/Sri Jagadambi Prasad Yadav, Union Minister of State for Health & FW, Nirman Bhavan, New Delhi 110001 .. Chairman
2. Sri Margada Mallappa, Minister of Health & FW Government of Karnataka, Vidhana Soudha, Bangalore Vice-Chairman
3. Sri D.V.Urs, Vice-Chancellor University of Mysore, Mysore .. Member
4. Sri K.P.Singh, Addl. Secy., to Govt., of India, Min. of Health & FW, New Delhi, or his nominee .. "
5. Dr.B.Sankaran, Director General of Health services, New Delhi, or his nominee .. "
6. Sri R.R.Gupta, Joint Secy., (FA), Dept., of Health & Family Welfare, New Delhi .. "
7. Representative of the Dept., of Social Welfare, Govt., of India, Ministry of Education & Social Welfare, New Delhi .. "
8. Joint Director (Medical), Health & Family Welfare Services, Govt., of Karnataka, B'lore .. "
9. Dr.L.H.Hiranandani, Hon. Otolaryngologist, BYL Nair Ch. Hospital, Bombay-8 .. "
10. Dr.Achuthananda Sinha Professor & Head of the Dept., of ENT Patna Medical College Patna .. "
11. Sri F.K.Irani Managing Director, Ideal Jawa Mysore .. "
12. Dr.J.Bharath Raj, Member of the Teaching Faculty of All India Institute of Speech and Hearing, Mysore, nominated by the Director .. "
13. Dr.P.R.Kulkarni, Director, All India Institute of Speech and Hearing, Mysore .. Member/Secretary

DEPARTMENT OF SPEECH PATHOLOGY

The staff of the department participated in teaching and training the undergraduate, post-graduate and Ph.D., students. Subjects taught include normal development of speech, Delayed Speech and Language, Articulation, Stuttering, Cerebral Palsy, Mental Retardation, Education of the Aurally Handicapped, Organic Anomalies, Cleft Palate, Voice and its Disorders, Laryngectomy, Organisation of Speech and Hearing Centres, Introduction to Scientific Enquiry and Aphasia. These subjects are taught by way of lectures to undergraduate students and in the form of seminars and discussions besides lectures to the post-graduate students. Semester system continues to be followed.

Besides teaching, the departmental staff attends to diagnostics and counselling of family members. Cases registered are diagnosed for their speech problems and referred to other departments for further tests. Students observe evaluative procedures. Case demonstrations are also done when interesting cases are seen in the department. Students are given practical training in administering and scoring standardised tests.

Mrs. Virginia Bingham a Speech Pathologist from Eugene, Oregon, U.S.A., visited the Institute and rendered guidance to students in testing and training aphasic patients. She stayed here for a period of six months, during which time she delivered a short course on Porch Index of Communication Abilities. The final year BSc as well as the post-graduate students and staff attended the course. Certificates were given to those who attended the course and fulfilled the requirements.

A seminar sponsored by the U.G.C., was undertaken by the Department of Speech Pathology with excellent co-operation



Post-graduate and graduate students train the cases under staff supervision. Staff members given guidance to train cases, write out lesson plans and case reports. The first year BSc students observe the cases being trained by senior students, make notes and maintain diaries. Students also prepare test and therapy materials. Training is also given to students in the use of equipments. For those of the cases who find it difficult to remain here and attend therapy, demonstration therapy sessions are made available.

### Counselling

All the cases who are registered here for diagnostics, are counselled after all the evaluations are completed. Staff and post-graduate students counsel the family members and the cases regarding the importance of home training, vocational guidance, care of hearing aid etc. Certain techniques which can be used by the patients/cases at home are demonstrated. Parent counselling meetings are held regularly once a month and topics of interest to the parents are chosen for discussion followed by questions and answers.

### Camps

Eighteen Speech and Hearing camps and exhibitions were conducted and a total of 6654 cases seen and services rendered.

The ISHA Conference was held in Bombay and the following papers were presented from the department.

1. Porch Index of Communication Abilities (PICA): A Test for Aphasia.

In this paper, we discussed the practical problems and theory which led to the construction of the PICA test for aphasic patients. We described the development of the test, establishment of reliability data, and the results accumulated with testing of large numbers of brain injured people. Advantages and limitations of the test for use in India were

## 2. Development of some Morphological Categories in Kannada: A Study of Children 6-8 years range.

To study the development of morphological rules for tense, number and gender in children a test was constructed in Kannada using nonsense words: CVCV and CVCVCV combinations were used for the purpose of construction of nonsense words. Close technique was used to elicit response from the children. The results have been analysed and discussed.

## 3. Rate of Speech in Kannada

In continuation of the pilot project presented earlier, rate of reading and spontaneous speech of 21 subjects have been analysed and reported.

## 4. Reading Disability

Reading is a complex process involving several skills. There are several causes for reading disability. Many a times speech and hearing problems are associated with this disability. Speech and Hearing specialists are part of the group in the rehabilitation of this disability.

5. Creative writing for children - paper presented at the Seminar at the Central Institute of Indian Languages, Mysore 6.

## 6. Psycholinguistic studies done at AIISH, Mysore.

A brief summary of some of the psycholinguistic studies conducted in Mysore at AIISH and some of the articles published in the Journal of AIISH is presented. This paper includes 19 studies which have been discussed under five different categories (1) Language acquisition studies (2) Studies on Aphasic language (3) Studies related to reading disability (4) Studies different aspects of language (5) Studies in Cerebral Dominance.

Dr. Rathna, Professor, delivered a talk at A.I.R. on 'Stuttering'. He continued to be the member of the Karnataka

State Nataka Akademy.

Mr. N.P.Nataraja, Lecturer in Speech Pathology, continued to be the Secretary of the Indian Speech and Hearing Association.

### Dissertations

The following are the dissertations prepared under the guidance of staff of this department:

1. A Study of Intonation Pattern in Kannada
2. Linguistic Analysis in Stuttering
3. Voice onset time in stutterers and non-stutterers
4. Physioacoustic - Economy at optimum frequency

### Research guidance

Research works are being done by the Research workers, under the guidance of staff. There were two pupils working for their Ph.D. The staff also provided guidance for a Junior Research Fellow of Central Institute of Indian Languages, Mysore.

The new Speech Therapy Block has been taken over by the Department. Development of Speech Laboratory is under progress.



DEPARTMENT OF AUDIOLOGY1. Training

The training program for the undergraduate and graduate students in Speech & Hearing was continued under the semester system. Short term training program was also conducted for a group of visitors from the Armed Forces Medical College.

2. Clinical Services

Clinical services have been continued as in previous years. Justification for additional staff to assist in the Clinical evaluation was submitted and the same was discussed in the Academic Sub-Committee of AIISH.

a) Hearing evaluation: The total number of cases seen in the Department reached an all time high of 5179. More number of cases from the rural areas have been seen for evaluation which may partly be due to the fact that the State Govt., has been giving pensionary benefits to the aurally handicapped. This has provided for greater opportunities in training the students in testing patients with functional/<sup>hearing</sup> loss, difficult to test patients on account of their naivety. Clerical work related to hearing evaluation has also increased as the patients eligible for certificates have to be given copies of test results and eligibility certificates. Similarly, aurally handicapped school going children are evaluated annually and copies of audiograms are issued for purpose of award of scholarship.

The much awaited completion of the new test rooms continues to be awaited. They are not available for clinical or research use even though the rooms were formally opened by the then Hon'ble Minister for Health, Shri Jagadambi Prasad Yadav.

### b) Hearing Aids:

- i) Loan of hearing aids - In all ten hearing aids were issued on loan basis
- ii) Issue of spares - cells, cords issued numbered 1410.
- iii) Hearing aids received from manufacturers were tested for their electro-acoustic characteristics.

c) Earmoulds: Total number of earmoulds made were 370. Of these, 305 were made free of charge. Sixtyfive earmoulds were paid for by the patients. Of the total number of moulds made, 240 were sent by post; 90 were collected in person.

Earmould Lab., was also used for giving training in making earmoulds. In total 143 hours were involved in giving such training to the II MSc & II BSc students of our Institute and to two of our past students.

### 3. Staff

As in the previous years, the staff took active part in the co-curricular activities of the Institute by serving on Committees such as, Library, Canteen & Horticulture. Several staff members participated in the XI annual Conference of ISHA held in Bombay. Dr. Shailaja Nikam availed the UGC National Associateship awarded in 1977. She was at the Indian Institute of Science, Bangalore, from Nov., 78 till Feb., 79. Several staff members appeared for the Hindi examination. Dr. S.Nikam passed the Pravcen examination.

The activities of the Department were adversely affected due to the absence of two of the lecturers in Audiology. Two appointments were made on a temporary basis to meet the needs especially of the training program.

### 4. Instruments

Frequent breakdown of audiometers presented many problems in clinical evaluation of patients.



program.

A two channel audiometer (Beltone 200C) was purchased. It could not be put to use right away as it was damaged in transit and some accessories were missing. Steps to procure the spare parts are under way. Three Maico audiometers were purchased which arrived in good condition. An impedance audiometer and a Maico diagnostic audiometer are proposed to be purchased in 1979. Other instruments purchased during the year:

1. Complete recording equipment
2. Systronics Standard Signal Generator
3. Systronics Distortion Factor Meter
4. Systronics dB Step attenuator
5. IRA Sweep Freq. Oscillator
6. Argo voltage stabilisers

Servicing was done as indicated below:

1. ZO 72 Impedance audiometer of AIIMS, New Delhi has been repaired & calibrated
  2. Hearing aids repaired - 389
  3. Major repairs - 61
  4. Minor repairs - 139
  5. External audiometers & equipment repaired & calibrated
- 5

5. Technical consultation and drawings with estimates are submitted to the following Institutions:

1. Centre for the handicapped children, Coimbatore
2. Ramakrishna Mission Hospital, Coimbatore
3. Regional College of Education, Mysore

A synthetic Sentence Identification Indicator has been developed for a research project.

#### 6. Correspondence

The number of letters despatched during the year numbered 429. This is slightly lower than the past year.

## 7. Conferences/Meetings/Workshops, etc.

S.S. Murthy & S. Narayana Raju : ISHA Conference, Bombay  
 Shailaja Nikam : ISHA Conference, Bombay

Srikanth & Viswanath participated in the Indo-British exhibition & Seminar for the Handicapped arranged by the British Council at Calcutta, Bombay, New Delhi & Madras.

Srikanth attended the Lecture on Sound & Vibration Measurements arranged by B & K at Bangalore - Seminar in Engg. & Health Care.

## 8. Appointments:

Mr. H.C.Viswanath was appointed as Scientific Asst., and Mr. G.Nagarajan was appointed as Technician to the Earmould Lab. Mrs.Mythili & Mr. Babu Punnan were appointed as Lecturers from 1-12-78 to 31-3-79.

## 9. Papers presented at ISHA Conference

1. "Role of Bio-medical Engg., in the field ) Mr.S.S.Murthy  
 of Speech & Hearing Handicapped" )
2. "Hearing Aid Service tips" - M/s.S.Narayana Raju and  
 S.S. Murthy
3. "A brief survey of hearing aid ) M/s. Srikantha and  
 users and their associated ) S.S. Murthy  
 problems" )
4. "A new approach for the hearing - Mr. S.S. Murthy  
 aid Production & Selection"
5. "Man Machine Communication"by M/s.H.C.Viswanath,  
 S.S. Murthy and  
 S.Narayana Raju
6. "A Mini Computer system for a Speech ) M/s.HC Viswanath &  
 & Hearing Institute" ) SS.Murthy

## DEPARTMENT OF CLINICAL PSYCHOLOGY

### Diagnostics

A total number of 2060 cases were seen for evaluation, re-evaluation and for special investigations. The staff continued to supervise the work of students.

### Therapy supervision

A total number of fifty cases were under the supervision of Dr. J. Bharath Raj and 30 cases were under the supervision of Miss A. D. Bhavani. Some of the newer techniques of treatment continued to be used with stutterers and mentally retarded children. Thus broadening the spectrum of therapies carried out.

### Equipment

A total amount of Rs. 30,000/- was allotted to the department. Arrangements were made for purchase of foreign equipment worth Rs. 5,000/- and indigenous equipment worth Rs. 20,000/-.

Some equipment out of the budget still required to be procured as firms have not supplied them.

Eleven educational films worth Rs. 11,654/- were added to the department of Clinical Psychology.

### Research Activities

Research work pertaining to the following areas were continued during the current year:

- The research study related to self-confidence level among stutterers is under progress. Data collection has been over with fifteen cases. Due to the barrier of language and other defined criteria to select, data could not be collected for more than 15 cases. Fresh data would be collected and later the results analysed.



2. The study related to the Medico Psychological Questionnaire has been completed. The entire literature pertaining to the text has been written in the form of manual, and this is to be published.
3. Research work related to the development of a comprehensive personality test could not be continued further as there were snags in laying down certain procedures for collection of data. The graphic profile which was tentatively prepared did not work satisfactorily. However, further efforts for overcoming problem are being thought out.
4. The study pertaining to the application of behaviour modification procedures with Mentally Retarded individuals by Miss A.D. Bhavani for her doctoral work continued.
5. As a part of observance of the international year of the child, a small scope research project entitled "I.Q.+ Programme" was carried out. Mr. Vidyasagar, an M.A. student assisted the work without remuneration. The study involved the application of special training procedures spelled out by Getman on a small group of eight children drawn from culturally deprived area. The training procedure was tried for nearly about 2½ months. The results pointed out an improvement by about 21 I.Q. points.

#### Administration

Dr. J. Bharath Raj was overall incharge of the administration of the Department. He was incharge of Journal Club and Clinical conferences and of Medical Records Section. He has also been a member of Board of studies and Board of Examiners.

#### Other activities

1. Dr. J. Bharath Raj was Convenor of the Adult Education Programme. Talks and papers were presented by students/staff of the Institute as well as some invitees.
2. A talk was organised to be delivered by Dr. Jean Vanier on the handicapped child which was attended by staff, students and parents of the handicapped.
3. Dr. J. Bharath Raj gave a talk in the literary Union, Mysore on Speech and Hearing problems of children.

### Publication

1. A booklet with a title 'stuttering' causes, remedies and prevention was published by Dr. J.Bharath Raj, in the month of Sept., 1978.
2. 'Kivudu Maguvinondige Nimma Baduku' a Kannada article on public education about the care of hard of hearing children was published in a Kannada magazine published by Udaya Vani Kala Sangha, Bangalore.

### Award and Honours

Dr.J.Bharath Raj, in view of his research contribution was recognised as a Clinical Fellow of Behaviour Therapy and Research Society (USA), 1978.

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### DEPARTMENT OF OTOLARYNGOLOGY

The objectives of this department in collaboration with other sister departments are:

#### I. Teaching

- (a) To participate in training programme of BSc and MSc students. To teach them the basic knowledge of Anatomy and Physiology pertaining to Speech and Hearing problems, and its application in diseases, thus providing a firm knowledge in their speciality.
- (b) Firm knowledge of practical training is given to the students of MSc and BSc by Microscopic demonstrations, Audio-visual demonstrations.



## II. Clinical Services

There is a well equipped Clinic and services were made available to all patients attending the Institute during working hours, except on Mondays and Thursdays (Forenoons) which are operation days. As far as possible, individual care of the patients was taken, earning public appreciation.

Since there is no operative facilities provided at the Institute, the collaboration with the K.R.Hospital continued with one out-patient day on Wednesday and two operation days on Mondays and Thursdays per week. The cases needing super-specialised surgery for the relief of speech and hearing problems registered at the Institute as on 31-1-79 stood at 2127 which requires additional days of operation and additional staff to help the handicaps.

The outpatients and surgical load is unmanageable with the existing staff and physical facilities. The prestige of the Institute is growing higher and higher because of the excellent co-operation of the other sister departments in the diagnostic fields and keen attention in its curative aspect, specially surgical aspects, being provided by the qualified staff.

Micro-otological operations such as stapedectomies, myringoplastics, tympanoplasties and maxillo-facial surgeries such as palatoplasties & pharyngoplasties, were done this year also.

Some more equipments were added to the department, of which, most <sup>important</sup> were, Electro-Nystagmography in the diagnostic fields; and microlaryngeal and micro-otological instruments in the curative aspects of disease.

The number of patients seen in the department of Otolaryngology is as follows:

	<u>1977-78</u>	<u>1978-79</u>
1. ENT OPD at K.R.Hospital	13,265	11,273
2. Cases seen at AIISH: New cases	3,621	4,303
Therapy cases	10,165	
Repeat cases	<u>7,272</u>	<u>8,067</u>
Total	<u>21,513</u>	<u>23,643</u>
Daily average	76	85
3. Waiting list of cases for operation	1,600	527 (one yr.)
4. Operated upto the Sl.No. 578		
5. Operations done at: K.R.H. - Major	390	369
- Minor	130	103

### Teaching

Reader in ENT handled all the classes in the subjects of Otolaryngology both at under-graduate and post-graduate levels - eversince Dr.P.R.Kulkarni went on long leave since January 1979.

### Papers presented

1. "Acoustic Neurinoma - Its Diagnosis" - Paper presented by Dr.M.V.Susheela at Indian Speech & Hearing Association Conference held at Bombay.
2. "Lymphoms of the neck with involvement of the cranial nerves" - Paper presented at First South Zone Conference of Otolaryngologists' Association.
3. "Microbiology of Suppurative Otitis Media" - Paper read by Dr.K.Vishnu at First South Zone Conference of ENT at Bangalore

CLINICAL SERVICES

New Cases	..	4303
Repeat cases	..	8067
Therapy Cases	..	8546
O.P.D. at K.R.Hospital	..	11273
(Old cases 5937+New cases 6236)		
Cases seen at camps	..	<u>6209</u>
Total		<u>38398</u>

Operations done: Major - 369 )	472
Minor - 103 )	
Follow-up letters sent ..	516
Replied and reported in person	160
Letters returned (insufficient address/party left)	5
General correspondence (Recd & replied)	656

ITINERANT SPEECH THERAPIST

No.of follow up letters sent (only for therapy cases)	170
No. of cases replied and reported	76
Letters returned ..	2
No. of home visits done ..	68
No. of cases attended to ..	72
Inadequate address ..	4
No. of school visit done ..	29
No. of cases attended to ..	74
No. of case histories taken ..	227



LIBRARY

The Library services were increased during the period under report. Complete collection of the Library was indexed both classified wise and author wise.

Bibliography of the articles of all the journals (upto 1977) was completed and made available for use. These will be like guide poles for the researchers.

A good collection of latest books were made. Both dissertations and reprints were indexed. The inter-library loan facilities were provided. A good number of reference queries were answered. Special and specific bibliographies were provided on special request.

The Librarian represented the Institute at the Eighth National Seminar of IASLIC at Madras from 25th to 29th December 1978.

The Librarian was deputed for the Ninth National Book Fair at Bangalore on 30th and 31st December 1978.

Statistics of the Library

No. of books issued to students and staff	12,500
No. of books referred by the students and staff	16,500
Average issue per day	70
No. of new books added	362
Total no. of books	4,292
No. of Journals subscribed	59
New Journals subscribed	10
No. of Journals exchanged	6
Total no. of current journals received	75
No. of volumes of Journals added	70
No. of volumes of journals bibliographed covering the following areas:	100
Ear and Hearing	Head & Neck
Speech	Acoustics
Nose	Psychology
Mouth and Pharynx	Special education

The year under report has witnessed a very important Workshop, Seminar and other developmental activities.

Under a grant from the University Grants Commission, a two-week long Workshop on "Speech and Hearing (Speech Therapy)" was held in the month of May 1978. In the Workshop forty delegates participated from different parts of the country. It was two phased - first phase was at the AIISH and the other at the NIMHANS, Bangalore.

On its conclusion (at NIMHANS, Bangalore), delegates were awarded certificates. Dr. R.M.Varma, Director of NIMHANS presided and Dr.S.Kameswaran, Director, Institute of Oto-rhino-laryngology, Madras was the Chief Guest.

The Workshop was held with the following objectives:

1. To review and exchange views on therapy techniques
2. To help participants achieve methods which provide effective rehabilitative services to the handicapped individuals
3. Discuss interesting cases
4. Discuss interesting and important journal articles which have implications for therapy and diagnostics
5. Discuss the therapeutic and diagnostic values of important equipment and demonstrate their use
6. To enable participants to make use of the AIISH's Library facilities as many of them do not have such facilities elsewhere. This will enable them to catch up with the recent trends in this field
7. Explore the areas of research facilities and avenues for collaborative research with them
8. To help participants to get to know each other, discuss their experience, air their views, exchange information, visit the various departments and get acquainted with the new test materials and training procedures



The panel, on the concluding day discussed on the following for collaborative inter-institutional research:

- I (i) Tests for Central Auditory Disorders  
(ii) Cerebral Dominance Tests
- II Language acquisition studies in collaboration with the Central Institute of Indian Languages, Mysore
- III (i) Noise studies  
(ii) Hearing conservation studies
- IV Longitudinal studies of language development
- V Curriculum for the deaf
- VI Development of audio-visual methods
- VII Public education
- VIII Techniques for rural work - How do we do our work with big rural population
- IX Development of equipment
- X Parental cooperation
- XI Inter-disciplinary workshop

#### SEMINAR

On Sept. 30, a Seminar on National Adult Education Programme was held. Dr.D.B.Bisht, Dy., Director General of Health Services, New Delhi, presided. Mr.H.Gangadharan, ILA, was the Chief Guest. Dr.R.M.Varma, Director, NIMHANS, Bangalore, also spoke on the occasion.

In the Scientific Session nine participants presented papers. Both the staff and the students participated.

#### NAUGURATION

Shri Jagadambi Prasad Yadav, the then Union Minister of State for Health & Family Welfare (Chairman, Executive Council,

Indian Institute of Science, Bangalore, was honoured for his consultancy services to the Institute in respect of acoustic engineering.

#### ANNIVERSARY

On 9th August 1978, XIII Anniversary of the Institute was celebrated.

#### CAMPS (SPEECH & HEARING):

Inspite of the tight academic schedule nineteen Speech and Hearing Camps were conducted in different parts of the State of Karnataka, Kerala and Tamil Nadu. A total number of 6988 cases were examined in these camps. The details are as indicated below:

Sl.No.	Place of camp	Duration	Cases
1	T. Narasipur	2	402
2	Kanhangad	1	435
3	Calicut	2	845
4	Pennadam	2	520
5	Hullahalli	1	210
6	Bannur	1	222
7	Moodbidiri	2	512
8	Kapu	1	180
9	Mulki	1	160
10	Suratkal	1	260
11	Kollegal	2	330
12	Ponampet	1	54
13	Sagar	2	473
14	Mudigere	2	163
15	Neyveli	2	725
16	T.Narasipur	2	304
17	Hassan	2	810
18	Coonoor	2	137
19	Ernakulam	2	246

Total number of cases

6,988

#### VISITORS

The staff and

interest and visited the Institute. They were from Alleppey, Tirupathi, Kottayam and Dharwad. In addition trainee<sup>teachers</sup>/from teachers' Training Institutions from different parts of the country visited the Institute.

#### SPECIAL COURSE

A Special course in Speech and Hearing was conducted for the Armed Forces Personnel (ENT) in the month of May 1978.

#### EXHIBITIONS

As an adjunct to the Speech and Hearing Camp Exhibitions were also arranged for the public education purposes.

In January 1979 (27, 28 and 29) the Institute participated in a three-day Exhibition at the XI Conference of the Karnataka State Association of Teacher Educators at the Maharani's High School, Mysore. Shri Govinda Narain, Governor of the State of Karnataka visited the staff along with his wife Mrs. Chandra Narain. They showed keen interest in some of the exhibits, so also the other visitors to the staff.

#### SCHOOL SCREENING PROGRAMME

The Institute participated in the School Screening Programme organised by the Lions Club of Mysore East in the month of February 1979.

#### WORLD DAY OF THE DISABLED

On 18th March 1979 "World Day of the Disabled" was celebrated. Shri Rabi Ray, Union Minister for Health and Family Welfare (Chairman, EC, AIISH) participated in the function. More than eighty handicapped children participated. It an open competition. Prizes and gifts were distributed to participants.

Dr.D.B.Pattanayak, Director, CIIL, Mysore presided over the function.



COMMITTEES

The following Advisory Committees were constituted during 1978-79:

I. Library Standing Committee

1) Dr.(Miss)Shailaja Nikam	..	Chairman
2) Dr.J.Bharath Raj	..	Member
3) Mrs.Saraswathi Menon	..	Member
4) Dr.(Miss)M.V.Susheela	..	Member
5) Mr.S.S.Murthy	..	Member
6) Mr.M.V.Govindarajan	..	Secretary

This committee looked into all requests for purchase of new books and subscription/renewal of journals and made suitable recommendations for the approval of the Director. It also suggested ways and means for the up-keep and maintenance of the Library.

II. Agri-Horticultural Committee

1) Dr.J.Bharath Raj	..	Chairman
2) Mr.S.Shankar	..	Member
3) Mr.S.Narayana Raju	..	Member
4) Mr.Shivanna	..	Secretary

This Committee looked after the development of the land, gardening in the campus and growth of crops (both at the Institute campus and the new area) and made suitable recommendations to the Director for implementation.

III. Official Language Implementation Committee

Dr.N.Rathna	..	Chairman
Mr.S.Shankar	..	Member Secretary
Smt. H.P.Uma Saraswathi	..	Member
Sri Varadharaja Guptha	..	Member
(Representative from Hindi Teaching Scheme)		

IV. AIISH Departmental Canteen (Managing Committee)

1) Dr.(Miss)Shailaja Nikam	..	Chairman
2) Sri N.P.Nataraja	..	Member
3) Sri K.M. Easwara	..	Member

ESTABLISHMENTstaff

The staff position is as follows:

Sl No	Category	Sanctioned posts		Total	Existing Staff	
		Perma- nent	Tempo- rary		Perma nent	Tempo- rary
1	Group 'A'	13	2	15	12	
2	Group 'B'	2	1	3	2	1
3	Group 'C'	24	11	35	24	10
4	Group 'D'	21	4	25	21	4
Total		60	18	78	59	15

Total No. of sanctioned posts : 78

Total no. of posts filled : 74

Number of posts vacant : 4 (Professors - 2)  
(Lecturer - 1)  
(L.D.C. - 1)

## DIRECTOR

Dr.P.R.Kulkarni, MBBS, MS(ENT), DORL

Dr.P.R.Kulkarni, Director of this Institute, vide his letter dated 26-3-79, has requested for voluntary retirement.

Department of Speech Pathology

1. Professor & Head of the Dept., of Speech Pathology - Dr.N.Rathna, MS(Hunter)  
MS (Gallaudet  
MAT Ed.D(India)
2. Reader in Speech Pathology - Mrs.Saraswathi Menon, MA
3. Lecturers - Sri N.P.Nataraja, MSc  
(Sp & Hg)  
- Vacant
4. Clinical Assistants - Sri E.P.Balakrishna, MA,  
M.Ed.  
- Sri M.B.Purushothama, BSc  
(Sp & Hg)

6. Itinerant Speech Therapist - Smt. Indira Prakash, BSc  
(Sp & Hg)
7. Junior Stenographer (F/N) - Sri T. Keshavamurthy
8. Peon - Sri B. Siddaiah (Selection Grade)

#### Department of Audiology

1. Professor - Vacant
2. Reader & Head of the Dept., of Audiology - Dr. (Miss) Shailaja Nikam,  
M.A. (Psychology)  
M.A. (Speech)  
Ph.D. (Audiology & Speech Sciences)
3. Lecturer in Electronics - Sri S.S. Murthy, MSc (Tech.)
4. Lecturers (Audiology) - Sri M.N. Vyasamurthy, MSc  
(Sp & Hg)  
- Sri S.P.C. Pandalay, MSc  
(Sp & Hg)
5. Electronics Engineer - Sri S. Narayana Raju, BSc.,  
AMIE
6. Technical Assistant - Sri H.C. Vishwanatha, B.E.  
(Elec)
7. Scientific Assistant - Sri Srikantha, B.E. (Elec.)
8. Clinical Assistants - Smt. Sowmyamala, BSc, B.Ed.  
- Smt. Iffath Aslam, BA., B.Ed.
9. Research Assistant - Smt. M.A. Mythili, MSc (Sp & Hg)
10. Prosthetic Dental Mechanic - Sri G. Nagarajan
11. Senior Stenographer (Also attends ENT, Library, Hostels & Students' Association work) - Miss S. Padmavathi Bai, B.A.
12. Peons - Sri K.L. Ramasetty  
- Sri Basavalingaiah

#### Department of Psychology

1. Professor of Psychology - Vacant
2. Reader & Head of the Department of Psychology - Dr. J. Bharath Raj, MA, Ph.D.  
(Psychology), DMP  
Miss A.D. Bhavani, MA (Psy),



- |                              |                                |
|------------------------------|--------------------------------|
| 4. Clinical Assistant        | - Sri P.Chandra, B.Com., B.Ed. |
| 5. Clinical Attendant        | - Sri S.Gopal                  |
| 6. Junior Stenographer (A/N) | - Sri T.Keshavamurthy          |

#### Department of Otolaryngology

- |                            |  |
|----------------------------|--|
| 1. Head of the Department  | - Dr.P.R.Kulkarni, MBBS, MS(ENT)<br>DORL       |
| 2. Reader in ENT           | - Dr.(Miss)M.V.Susheela, MBBS,<br>MS(ENT), DLO |
| 3. Junior Otolaryngologist | - Dr.K.Vishnu, MBBS, MS(ENT)                   |
| 4. Staff Nurses            | - Smt.M.G.Mariamamma<br>- Miss J. Raguna       |
| 5. Ward Boy                | - Sri S.Mallaiah                               |

#### Library

- |                         |   |
|-------------------------|---|
| 1. Librarian            | - Shri M.V.Govindarajan, M.A.,<br>B.Lib.Science |
| 2. Cataloguer           | - Shri B.Vasu, BSc., B.Lib., Sc.                |
| 3. Attender (Part-time) | - Shri P.B.Jeevan<br>(Jr.Gestetner Operator)    |

#### Medical Records

- |           |                         |
|-----------|-------------------------|
| 1. U.D.C. | - Sri B.S.Gururaja, BSc |
| 2. L.D.C. | - Sri G.R.Prakash       |
| 3. Peon   | -- Sri D.Krishnaiah     |

#### Director's Office

- |                     |                                   |
|---------------------|-----------------------------------|
| 1. P.A. to Director | - Sri K.H.Radhakrishna, MA, B.Com |
| 2. Daftry           | - Sri Ameer Ahmed                 |

#### Office and others

- |                                    |   |
|------------------------------------|---|
| 1. Administrative Officer          | - Sri M.A.Rahman, M.Com   |
| 2. Office Superintendent           | - Sri S.Shankar, M.A.(Pub.,<br>Admn., )M.A.(Pol.Science),<br>B.L., R.B.V. |
| 3. Publicity & Information Officer | - Sri K.Md. Fazlulla, M.A., B.L.  |
| 4. Accountant                      | - Sri S.L.Vijayanarasimha, B.Com  |
| 5. Hindi Translator                | - Smt.H.P.Umasaraswathi, M.A.<br>(Hindi)                                  |
| 6. U.D.C.s (3)                     | - Sri S.G.Gopinath  |

7. Care Taker	- Sri L.Siddaiah
8. Store Keeper	- Sri L.Basavaiah, M.A.
9. Junior Stenographer	- Sri M.H. Sanjeeva Murthy, B.Com
10. L.D.C.s (3)	- Sri N.Ramachandra Rao
	- Smt.S.N.Dakshayani
	- Sri R.Kannan
11. Drivers (2)	- Sri M.K.Ramappa
	- Sri A.Jesurathnam
12. Junior Gestetner Operator	- Sri P.B.Jeevan
13. Peons (2)	- Sri Madhu
	- Sri K.M.Venkatesh
14. Watchmen (5)	- Sri Thimmappa (Selection Grade)
	- Sri Dasappa
	- Sri Padam Bahadur
	- Sri Bhim Bahadur
	- Sri S.Shivappa
15. Malis (4)	- Sri Chowdaiah (Selection Grade)
	- Sri Kannappan
	- Sri Marinanjaiah
	- Sri Mahadeva
16. Sweepers	- Sri Hoblaiah (Selection Grade)
	- Sri Rama
	- Sri Nanjaiah
	- Smt.D.N.Padma
17. Cook (Gent's Hostel)	- Sri K.Ramaswamy
18. Cook (Ladies' Hostel)	- Smt.T.N.Gowramma

Appointments, Promotion, Resignation, Termination, Dismissal, etc.

APPOINTMENTS: The following candidates were appointed during 1978-79 as noted each.

<u>Name</u>	<u>Designation</u>	<u>Date of apptt.</u>
1. Sri B.Vasu	Cataloguer	31-5-78
2. Sri M.B.Purushothama	Clinical Assistant	6-7-78
3. Smt. S.N. Dakshayani	L.D.C.	20-8-78

<u>Name</u>	<u>Designation</u>	<u>Date of apptt.</u>
5 Sri H.C.Viswanath	Technical Asst.	5-10-78
6 Sri L.Basavaiah	Store Keeper	9-10-78
7 Sri G.Nagarajan	Prosthetic Dental Mechanic	13-10-78
8 Sri M.A.Rahman	Administrative Officer	13-11-78 (On Deputation):
9 Sri L.Siddaiah	Care Taker	9-1-79
10 Sri S.Mallaiah	Ward Boy	17-1-79

#### PROMOTIONS

- 1 Sri P.B.Jeevan, Peon, has been promoted as Junior Gestetner Operator w.e.f. 5-6-1978
- 2 Sri R.Kannan, Ward Boy has been promoted as L.D.C. w.e.f. 6-12-1978

#### RESIGNATIONS

Sri Shivanna, Care Taker, resigned w.e.f. 13-11-1978

#### HINDI TRAINING

Hindi Teaching for Prabodh and Praveen examinations held under Hindi Teaching Scheme, as a mark to implement the progressive use of Hindi, the Official Language of the Union, was undertaken during the year 78-79. The results of the same were as follows:

<u>Examination</u>	<u>No. appeared</u>	<u>No. passed</u>
Prabodh	6	3
Praveen	8	2
Pragya	4	Nil



TRAINING

No. of students admitted to various courses in Speech and Hearing during 1978-79 are as follows:

Course	No. of students
1. I BSc	16
2. II BSc	20
3. III BSc	19
4. I MSc	9
5. II MSc	10
	<hr/> 74 <hr/>

Admissions to BSc and MSc were made on the zonal and merit basis.

The following Research Fellows were working at the Institute during the year 78-79 on the topics mentioned against them:

UGC Research Fellows

1. Smt. Vijayalakshmi Basavaraj - "Development of a test in Kannada for assessing language acquisition and performance"
2. Sri George Samuel - (Resigned)

CSIR Fellows

1. Miss D.Vasantha - (Resigned)
2. Mr. Jesudas Dayalan Samuel - "Speech discrimination tests in Tamil language"

AIISH Fellows

1. Sri Babu Punnan - "Development and standardisation of a method to overcome Naunton's Dilemma"

BUILDINGS

The construction of Speech Pathology Block was completed and Audiology Block & AC Plant is under progress and is expected to be completed within January 1980.

Construction of 1st floor over OPD and Clinic Block for locating the departments of Psychology and Library has been approved and would be taken up during 1979-80

EQUIPMENT

Additional equipment to the tune of Rs.1,95,342-79 were added to various departments during the year as detailed below:

	Rs.	p.
1. Department of Speech Pathology	9,914	-60
2. Department of ENT	1,29,825	-94
3. Department of Audiology	47,552	-25
4. Department of Psychology	8,050	-00
Total	1,95,342	-79

## SUMMARY OF PROVISIONS PROPOSED FOR R.E. 1978-79 AND F

Sl No	Budget Head	Budget Estimates 1978-79		Revised Estimates 1978-79			
				Actuals		Anticipated	
		Non Plan	Plan	Non Plan	Plan	Non Plan	Plan
1	<u>Salaries:-</u>						
	a) Sanctioned posts:						
	i) Filled up posts	5.29	0.59	3.70	0.30	1.46	0.50
	ii) Vacant posts	0.24	0.47	-	-	0.17	0.23
	b) Fresh posts	0.10	0.56	-	-	-	0.82
	Total	5.63	1.62	3.70	0.30	1.63	1.55
2	Other Allowances.	0.40	-	0.06	-	0.37	-
3	Travel expenses	0.25	0.08	0.07	-	0.23	0.10
4	Advances	0.13	-	0.06	-	0.28	-
5	CPF/LSC/Pension Contbn.	0.41	-	0.46**	-	0.48	-
6	Payments to Professional Services	0.16	-	0.08	-	0.08	-
7	Minor Works	0.35	-	0.07	-	0.28	-
8	Major Works	-	3.00	-	0.05	3.00°	3.00
9	Machinery and equipment	1.00*	2.45	-	0.51	1.00*	1.94
10	Library	0.25	-	0.12	-	0.18	-
11	Furniture	0.20	0.25	0.01	-	0.39	0.30
12	Scholarships/stipend	0.90	0.10	0.29	0.03	0.61	0.02
13	Publications	0.02	-	0.01	-	0.04	-
14	Other charges	2.77	-	0.83	-	2.34	-
	Total	12.47	7.50	5.75	0.89	10.91	6.91

\* Lumpsum provision

\*\* For 77-78 paid during 78-79

° In accordance with a decision of Finance Committee which met on 22-6-78



POOR PATIENTS WELFARE FUND

A poor patients welfare fund has been created at the Institute with the approval of the Government of India, vide Ministry of Health & Family Welfare letter No. F.11/33/68-MA dated 6th December 1968. The fund is utilised to provide the following amenities to the poor patients suffering from speech and hearing disorders and who come to the Institute for treatment.

- a) Purchase of hearing aids, battery and other accessories in cases where the supply of aid/battery, etc., is considered absolutely essential.
- b) Cost of meeting the reasonable charges of boarding and lodging to poor patients coming to the Institute from a place other than Mysore City Municipal limits and who are not in a position to meet such expenditure during their stay at Mysore for treatment.
- c) any other purpose considered by the Director of the Institute to be essential in the interest of poor patients.

The fund will generally be financed from:

- i) moneys collected from charity boxes;
- ii) Donations; and
- iii) Charity shows.

The following is the financial position of the fund during the year:

		Rs	p.
1. Opening balance	..	3,965	-77
2. Receipts	..	3,230	-00
3. Payments	..	952	-73
4. Closing balance	..	6,243	-06

STUDENTS' ASSOCIATION

Sri Jagadambi Prasad Yadav, the then Hon'ble Union Minister of State for Health & FW, formally inaugurated the activities of the Association on 20th October 78.

The major functions held during the academic year were, the premier programme to popularise adult education which was held in our Institute under the auspices of "National Adult Education Programme". Dr. Varma, Director, NIMHANS, Bangalore, Dr. D. B. Bisht, Dy., Director General of Health Services, New Delhi, and Sri Gangadharan, Member of Legislative Assembly, took part in the Seminar.

Republic Day was celebrated. Dr. Kapoor, Prof. & Head of the Department of Psychology, NIMHANS, who was the then Director of our Institute, presided over the function. The high lights of the day was the set of events held for boys and girls who are under treatment in this Institute and games & sports for staff and students.

The Association actively associated itself in the celebration of the "World Disable's Day" held on 18th March 79. It was in deed fortunate that Hon'ble Union Minister for Health & FW Sri Rabi Ray was the Chief Guest of the occasion. Dr. Pattanayak, Director, CIIL, Mysore, presided. An "On the spot drawing and painting" contest<sup>was</sup> held for the cases on that day. It was really a very colourful day for the Association.

After a long period of time, we have for once entered the quarter final of Cricket match - won against First Grade College of K.R. Nagar.

Mr. Mehaboob Shah Nawaz, an alamanus, inaugurated our Cultural Activities. The cultural activities for this year were in fact, very colourful with introduction of new

competition, thereby eliciting talents for the students in various cultural activities.

For the first time, we have a rolling shield each, for literary and sports activities.

The Valedictory function was held on 26th June 79. Prof. K.S.Hegde, Vice-Chancellor, Mysore University, was the Chief Guest. Dr.P.S.Ramanujam, Registrar, presided over the function.

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