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ANNUAL REPORT

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ALL INDIA INSTITUTE OF SPEECH & HEARING

MANASAGANGOTTHRI, MYSORE - 570 006

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ORGANISATIONAL CHART

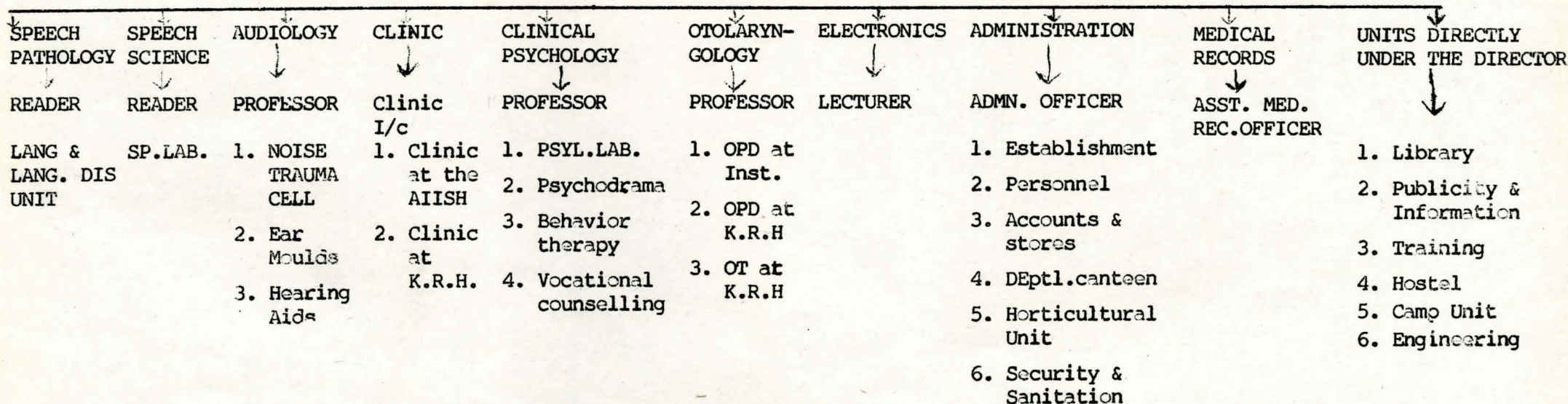
ALL INDIA INSTITUTE OF SPEECH AND HEARING MYSORE 570 006

EXECUTIVE COUNCIL

FINANCE SUB-COMMITTEE

ACADEMIC SUB-COMMITTEE

DIRECTOR



## AUTHORITIES OF THE INSTITUTE

The planning, organising, staffing, directing, co-ordinating, Administration, Management and Superintendence of the Institute vest in the following authorities:

1. The Executive Council
2. The Finance Sub-Committee
3. The Academic Sub-Committee
4. Director
5. Administrative Officer

### EXECUTIVE COUNCIL

- |  |                                 |
|--|---------------------------------|
| 1. Shri B Shankaranand<br>Hon'ble Union Minister of Health<br>and Family Welfare, Govt. of India<br>Nirman Bhawan<br>NEW DELHI   | Chairman<br>(upto Dec.'84)      |
| 2. Mrs Mohsina Kidwai  | Chairman<br>(From Jan.'85)      |
| 2. Shri P G R Sindhia<br>Hon'ble Minister for Health &<br>Family Welfare,<br>Government of Karnataka<br>Vidhana Soudha<br>BANGALORE 560 001                                | Vice-Chairman<br>(upto Dec.'84) |
| Dr H L Thimme Gowda  | Vice Chairman<br>(From Jan.'85) |
| 3. Prof K S Hegde<br>Vice-Chancellor<br>University of Mysore<br>MYSORE 570 005   | Member                          |
| 4. Shri P K Uma Shankar<br>Additional Secretary (Health)<br>Ministry of Health & Family Welfare<br>Government of India<br>Nirman Bhawan<br>NEW DELHI 110 011               | Member                          |
| 5. Shri R M Bhargava<br>Joint Secretary (FA)<br>Government of India<br>Ministry of Health & Family Welfare<br>(Department of Health)<br>Nirman Bhawan<br>NEW DELHI 110 011 | Member                          |



6. Shri M C Narasimhan  
Joint Secretary to Government of India  
Ministry of Social Welfare  
Shastri Bhavan  
NEW DELHI 110 001  
Member
7. Dr D B Bisht  
Director General of Health Services  
Nirman Bhawan  
NEW DELHI 110 011  
Member
8. Shri M C Das  
Secretary to Government of Karnataka  
(Department of Health & Family Welfare)  
Multistoried Building  
BANGALORE 560 001  
Member
9. Dr N K Channappa  
Director of Medical Education  
Ananda Rao Circle  
BANGALORE 560 009  
Member  
(Upto July 1984)
- Dr S T Nagalinga Setty  
Member  
(from Aug.1984)
10. Dr R M Verna  
Professor Emeritus  
National Institute of Mental Health  
and Neurosciences, III Cross  
Lakshmi Road, Shanthinagar  
BANGALORE 560 027  
Member
11. Dr B V Rama Rao  
Club Road  
BELGAUM  
Member
12. Shri F K Irani  
Managing Director  
Ideal Jawa (I) Private Limited  
Yadavagiri  
MYSORE 570 002  
Member
13. Dr (Miss) S Nikam  
Professor & Head of the DEpt of  
Audiology, All India Institute of  
Speech and Hearing, MYSORE 570 006  
Member
14. Dr N Rathna  
Director  
All India Institute of Speech and Hearing  
MYSORE 570 006  
Member-Secretary  
(up to 10.12.84)
- Dr M Nithya Seelan  
Member-Secretary  
(From 17.12.84)

FINANCE SUB COMMITTEE

- |   |                  |
|---|------------------|
| 1 Shri P K Uma Shankar<br>Additional Secretary<br>Ministry of Health & Family Welfare<br>Government of India, Nirman Bhawan<br>NEW DELHI 110 011                | Chairman         |
| 2 Shri R M Bhargava<br>Joint Secretary (FA)<br>Ministry of Health & Family Welfare<br>Nirman Bhawan<br>NEW DELHI 110 011  | Member           |
| 3 Deputy Secretary (MS)<br>Ministry of Health & Family Welfare<br>Nirman Bhawan<br>NEW DELHI 110 011  | Member           |
| 4 Shri M C Das<br>Secretary to the Government of Karnataka<br>Dept. of Health and Family Welfare<br>Multistoreyed Building<br>BANGALORE 560 001                 | Member           |
| 5 Dr D B Bisht<br>Director General of Health Services<br>Nirman Bhawan<br>NEW DELHI 110 011   | Member           |
| 6 Dr R M Verma<br>Professor Emeritus,<br>National Institute of Mental Health and<br>Neuro Sciences, III Cross<br>Lakshmi Road, Shantinagar<br>BANGALORE 560 027 | member           |
| 7 Director<br>All India Institute of Speech & Hearing<br>MYSORE 570 006   | Member-Secretary |
| 8 Administrative Officer<br>All India Institute of Speech and Hearing<br>MYSORE 570 006   | Invitee          |



ACADEMIC SUB COMMITTEE

- |   |                                     |
|---|-------------------------------------|
| 1 Dr D B Bisht<br>Director General of health Services<br>NEW DELHI 110 011.   | Chairman                            |
| 2 Director<br>Central Institute of Indian Languages<br>MYSORE 570 006   | Member                              |
| 3 Dr R M Verma<br>Professor Emeritus,<br>National Institute of Mental Health and<br>Neurosciences, III Cross, Lakshmi Road<br>Shanthinagar<br>BANGALORE 560 027         | Member                              |
| 4 Dr M S Thirumalai<br>Deputy Director<br>Central Institute of Indian Languages<br>MYSORE 570 006   | Member                              |
| 5 Dr K Gopal<br>Reader in Physics,<br>Manasagangothri<br>MYSORE 570 006<br>(A representative of the<br>University of Mysore)  | Member                              |
| 6 Heads of the Departments of<br>Speech Pathology, Audiology, Clinical<br>Psychology, ENT & Electronics,<br>All India Institute of Speech and Hearing<br>MYSORE 570 006 | Members                             |
| 7 Administrative Officer<br>All India Institute of Speech & Hearing<br>MYSORE 570 006   | Invitee                             |
| 8 Dr N Rathna<br>Director<br>All India Institute of Speech & Hearing<br>MYSORE 570 006  | Member-Secretary<br>(upto 10.12.84) |
| Dr M Nithya Seelan<br>Director<br>All India Institute of Speech & Hearing<br>MYSORE 570 006   | Member-Secretary<br>(from 17.12.84) |



### 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 accorded affiliation for teaching programme leading to the award of B.Sc and M.Sc and now Ph.D in Speech and Hearing.

There are about 30 to 100 million people afflicted with Speech and Hearing problems in India. Tackling this problem is a gigantic effort which needs support and help from all quarters.

The Institute, being only one of its kind in South East Asia, 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 a.m. to 1.p.m.
Clinical Services	- 10 a.m. to 5 p.m.
Office	- 10 a.m. to 5 p.m.

### 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 eg. Medical, Para-medical, Non-medical etc.
- (c) To undertake, organise and facilitate study courses, conferences, lectures, seminars and the like to promote 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 initiate, 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 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;



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- (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.
- (b) To appoint and hire services or discharge/terminate the 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 cooperate 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 Welfare, (Department of Health) Government of India, in connection with Speech and Hearing.

STAFF OF THE INSTITUTE

DIRECTOR

- 1. Dr N Rathna, M.S (hunter), MS  
(Gallaudet) MAT, Ed.D (Indiana) - upto 10.12.84
- 2. Dr M Nithya Saalan MBBS MS(ENT)  
FIMSA - w.e.f. 17.12.84

DIRECTOR'S OFFICE

- 1. P.A to Director/Jr Stenographer - Ms. I.S.Sunanthi
- 2. Clinical Attendant - Mr. B.R.Basavaraju

DEPARTMENT OF SPEECH PATHOLOGY

- 1. Professor - Vacant
- 2. Reader and Head - Dr Prathibha Karanth,  
M.Sc., Ph.D (Sp. & Hrg.)
- 3. Lecturer in Speech Pathology - Mr. G.Purushothama  
On deputation abroad.
- 4. Lecturer in Language &  
Language Disorders - Dr M Jayaram, M.Sc (Sp. & Hrg.)  
Ph.D (Speech-Language)
- 5. Lecturer in Linguistics - Ms Basanthi Devi,  
MA (Linguistics)
- 6. Lecturer in Speech Pathology - Mr S Ravishankar Shukla  
M.Sc (Sp. & Hrg.)



7. Research Assistant

- Mr M G Subramanaiaiah, M.Sc  
(Sp & Hrg) on deputation to DRC

8. Clinical Assistant

- Ms S R Savithri, M.Sc (Sp & Hrg)  
(lien vacancy)

9. Clinical Assistant

- Mr P Chandra, B.Com, B.Ed.

- Mr M B Purushothama, B.Sc  
(Sp & Hrg)

10. Junior Stenographer  
(Forenoon)

- Ms Susheela Bai

11. Daftry

- Mr B Siddaiah

DEPARTMENT OF SPEECH SCIENCES

1. Reader and Head

- Mr N P Nataraja M.Sc (Sp & Hrg)

2. Lecturer in Speech Sciences

- Mr P J Kumar M.Sc (Sp & Hrg)

3. Research Assistant

- Mr A Jagadish M.Sc (Sp & Hrg)

4. Junior Stenographer  
(Afternoon)

- Ms Susheela Bai

5. Clinical Attendant

- Sri C. Chowdaiah

DEPARTMENT OF AUDIOLOGY

1. Professor and Head

- Dr Shailaja Nikam M.A (Psy)  
MA (Sp) Ph.D (Aud. & Sp.Sc)

2. Reader

- Vacant

3. Lecturer in Audiology

- Dr M N Vyasamurthy M.Sc  
Ph.D (Sp. & Hrg)

4. Lecturer in Audiology

- Mr J D Samuel M.Sc (Sp. & Hrg)

5. Research Officer

- Ms. M.S Malini M.Sc (Sp & Hrg)

6. Clinical Assistant

- Mr E P Balakrishna M.A, M.Ed  
M.Sc (Sp & Hrg)

7. Clinical Assistant

- Ms. Sowmya Mala B.Sc., B.Ed

8. Research Assistant

- Ms Geetha Mukundan M.Sc (Sp & Hrg)

9. Research Assistant

- Ms P N Maya B.Sc (Sp & Hrg)  
(leave vacancy)

10. Prosthetic Dental Mechanic

- Mr G Nagarajan



- (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 Welfare, (Department of Health) Government of India, in connection with Speech and Hearing.

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DIRECTOR

- 1. Dr N Rathna, M.S (hunter), MS  
(Gallaudet) MAT, Ed.D (Indiana) - upto 10.12.84
- 2. Dr M Nithya Seelan MBBS MS(ENT)  
FIMSA - w.e.f. 17.12.84

DIRECTOR'S OFFICE

- 1. P.A to Director/Jr Stenographer - Ms. I.S.Sunanthi
- 2. Clinical Attendant - Mr. B.R.Basavaraju

DEPARTMENT OF SPEECH PATHOLOGY

- 1. Professor - Vacant
- 2. Reader and Head - Dr Prathibha Karanth,  
M.Sc., Ph.D (Sp. & Hrg.)
- 3. Lecturer in Speech Pathology - Mr. G.Purushothama  
On deputation abroad.
- 4. Lecturer in Language &  
Language Disorders - Dr M jayaram, M.Sc (Sp. & Hrg.)  
Ph.D (Speech-Language)
- 5. Lecturer in Linguistics - Ms Basanthi Devi,  
MA (Linguistics)
- 6. Lecturer in Speech Pathology - Mr S Ravishankar Shukla  
M.SC (Sp. and Hrg)



7. Research Assistant

- Mr M G Subramanaiaiah, M.Sc  
(Sp & Hrg) on deputation to DRC

- Ms S R Savithri, M.Sc (Sp & Hrg)  
(lien vacancy)

8. Clinical Assistant

- Mr P Chandra, B.Com, B.Ed.

9. clinical Assistant

- Mr M B Purushothama, B.Sc  
(Sp & Hrg)

10. Junior Stenographer  
(Forenoon)

- Ms Susheela Bai

11. Daftry

- Mr B Siddaiah

DEPARTMENT OF SPEECH SCIENCES

1. Reader and Head

- Mr N P Nataraja M.Sc (Sp & Hrg)

2. Lecturer in Speech Sciences

- Mr P J Kumar M.Sc (Sp & Hrg)

3. Research Assistant

- Mr A Jagadish M.Sc (Sp & Hrg)

4. Junior Stenographer  
(Afternoon)

- Ms Susheela Bai

5. Clinical Attendant

- Sri C. Chowdaiah

DEPARTMENT OF AUDIOLOGY

1. Professor and Head

- Dr Shailaja Nikam M.A (Psy)  
MA (Sp) Ph.D (Aud. & Sp.Sc)

2. Reader

- Vacant

3. Lecturer in Audiology

- Dr M N Vyasamurthy M.Sc  
Ph.D (Sp. & Hrg)

4. Lecturer in Audiology

- Mr J D Samuel M.Sc (Sp. & Hrg)

5. Research Officer

- Ms. M.S Malini M.Sc (Sp & Hrg)

6. Clinical Assistant

- Mr E P Balakrishna M.A, M.Ed  
M.Sc (Sp & Hrg)

7. Clinical Assistant

- Ms. Sowmya Mala B.Sc., B.Ed

8. Research Assistant

- Ms Geetha Mukundan M.Sc (Sp & Hrg)

9. Research Assistant

- Ms P N Maya B.Sc (Sp & Hrg)  
(leave vacancy)

10. Prosthetic Dental Mechanic

- Mr G Nagarajan

11. Junior Stenographer

- Ms R Rajalakshmi

12. Peon

- Mr Basavalingaiah

DEPARTMENT OF CLINICAL PSYCHOLOGY

1. Professor and Head

- Dr J Bharath Raj M.A (Psy)  
DPM, Ph.D

2. Reader

- Mr P Kalaiah M.A (Psy) DM & SP

3. Lecturer in Cli.Psychology

- Ms A.D.Bhavani, M.A (Psy)  
B.Ed., DM & SP

4. Assistant Lecturer

- Mr Antony Thomas, M.A (Psy)  
M.Phil.

5. Clinical Psychologist

- Mr P Vidyasagar, M.A(Psy)  
M.Phil

6. Clinical Assistant

- Mr G Jayarama, MA (psy)  
M.Phil

7. clinical Assistant

- Ms. Iffath Aslam, B.A, B.Ed

8. Research Assistant

- Ms Nagalambike, M.A.  
upto 20.10.84 A/N.

- Mr y T Balakrishna Acharya  
w.e.f. 26.2.85 F/N/

9. Senior Stenographer

- Mr T Keshava Murthy

10. Lab Technician

- Mr L Krishnarangaraju

11. Peon

- Mr S Siddaiah

DEPARTMENT OF E.N.T

1. Professor and Head

- Dr M V Susheela MBBS MS(ENT)  
DLO

2. Reader

- Vacant

3. Lecturer in Otolaryngology

- Dr K Rathna Sabhaapathi MBBS  
MS(ENT) DLO

4. Lecturer in Otolaryngology

- Dr Sunil B.Bhoj, MBBS MS(ENT)  
w.e.f. 11.2.85

5. Staff Nurse

- Ms M G Mariamma

6. Staff Nurse

- Ms J Raguna

7. Senior Stenographer

- Ms S Padmavathi Bai, B.A

8. Ward Boy

- Mr S Mallaiah



ELECTRONICS UNIT

- |                                     |   |
|-------------------------------------|---|
| 1. Electronics Engineer             | - Vacant  |
| 2. Lecturer                         | - Sri S S Murthy M.Sc (Tech)                    |
| 3. Electronics Engineer             | - Mr S Narayana Raju B.Sc<br>AMIE upto 31.10.84 |
|                                     | - Mr M K Sitaram, B.Sc BE<br>w.e.f. 18.2.85     |
| 4. Scientific Assistant             | - Mr A M Ramachandra M.Sc(Physics)              |
| 5. Technical Assistant<br>(2 posts) | - Ms B R Choodamani, B.E.<br>One post vacant    |
| 6. Electrician                      | - Mr Prakash                                    |
| 7. Peon in Selection Grade          | - Mr Krishnaiah                                 |

THERAPY CLINIC

- |                               |                                    |
|-------------------------------|------------------------------------|
| 1. Clinical Supervisor        | - Ms R Manjula M.Sc (Sp & Hrg)     |
| 2. Clinical Assistant         | - Ms Y V Geetha M.Sc (Sp & Hrg)    |
| 3. Itinerant Speech Therapist | - Ms Indira Kumari B.Sc (Sp & Hrg) |
| 4. Clinical Attendant         | - Mr Narayana                      |

DISTRICT REHABILITATION CENTRE

- |   |  |
|---|--|
| 1. Dr N Rathna (till 10.12.84)<br>Dr M Nithya Seelan (since 17.12.84) | - Project Co-ordinator<br>- Project Co-ordinator |
| 2. Mr M G Subramanaiah  | - Speech Therapist                               |
| 3. Mr C S Venkatesh   | - Audiologist                                    |
| 4. Mr R H Radhakrishna<br>(since 6.3.84 A.N)                          | - Office Superintendent                          |
| 5. Mr B S Gururaja  | - Asst. Medical Records Officer                  |
| 6. Ms R Umadevi   | - Speech & Hearing specialist                    |
| 7. Ms I S Sunanthi  | - Jr Stenographer                                |
| 8. Ms Anitha Baldev Raj<br>(since 7.1.84, since then vacant)          | - Upper Division Clerk                           |
| 9. Mr S S V Prasad Rao  | - Lower Division Clerk                           |
| 10. Mr Appaji   | - Driver   |
| 11. Mr M Suresh Kumar   | - Peon   |

- |                      |            |
|----------------------|------------|
| 12. Mr Palani        | - Sweeper  |
| 13. Mr Basheer Ahmed | - Watchman |

A sanctioned post of Project Officer is vacant.

LIBRARY

- |                            |  |
|----------------------------|--|
| 1. Librarian               | - Mr M V Govindarajan M.S<br>B.Lib.Sc. |
| 2. Cataloguer              | - Mr M Mahadeva M.A, B.Lib.Sc          |
| 3. documentation Assistant | - Mr P Shivaprakash                    |
| 4. Clinical Attendent      | - Mr S Gopal                           |

MEDICAL RECORDS SECTION

- |   |                               |
|---|-------------------------------|
| 1. Assistant Medical Records Officer          | - Mr C D Shanabal             |
| 2. Upper Division Clerk                       | - Mr B S Gururaja, B.Sc DMRSC |
| 3. Lower Division Clerk in<br>selection grade | - Mr G R Prakash              |
| 4. Peon                                       | - Mr Bhim Bahadur             |

PUBLICITY AND INFORMATION UNIT

- |                                    |                                |
|------------------------------------|--------------------------------|
| 1. Publicity & Information Officer | - Mr K.Md.Fazlulla, M.A., B.L. |
| 2. Artist-cum-Photographer         | - Mr G V Ganeshaiah            |

ADMINISTRATION

- |                           |  |
|---------------------------|--|
| 1. Administrative Officer | - Mr S Shankar, M.A. (Pub.Admin)<br>M.A (Pol.SC) B.L., RBV |
|---------------------------|--|

ADMINISTRATIVE OFFICER'S SECRETARIAT

- |                        |   |
|------------------------|---|
| 1. Junior Stenographer | - Ms N Parimala, Diploma in<br>Secretarial Practice |
| 2. Peon                | - Mr K M Venkatesh                                  |

ACCOUNTS SECTION

- |                            |  |
|----------------------------|--|
| 1. Junior Accounts Officer | - Mr G Ramaiah, B.Sc. LLB, ICWA<br>w.e.f. 25.10.84 |
| 2. Senior Accountant       | - Mr S L Vijayanarasimha, B.Com                    |



- |                         |                             |
|-------------------------|-----------------------------|
| 3. Accountant           | - Mr K Purushothama, B.Com  |
| 4. Upper Division Clerk | - Mr N S Subramanya, M.A.   |
| 5. Lower Division Clerk | - Mr Mallikarjunaiiah, B.A. |
| 6. Lower Division Clerk | - Mr. M.B.Shankar, B.A      |
| 7. Clinical Attendant   | - Mr S Subramanya           |

INTERNAL AUDIT CELL

- |                    |                                    |
|--------------------|------------------------------------|
| 1. Section Officer | - Mr T K N Prasad<br>upto 31.12.84 |
| 2. Auditor         | - Mr M Krishnamurthy, B.Sc         |

PERSONNEL CELL

- |                         |  |
|-------------------------|--|
| 1. Hindi Translator     | - Ms H P Uma Saraswathi B.Sc<br>M.A., RBP, Dip.in Translation. |
| 2. Upper Division Clerk | - Ms B V Jyothi, B.Com.  |

AGRO HORTICULTURAL SECTION

- |                                |                     |
|--------------------------------|---------------------|
| 1. Asst. Horticultural Officer | - Mr R Srinivasaiah |
| 2. Mali in Selection Grade     | - Mr Chowdaiah      |
| 3. Mali                        | - Mr Marinnanjaiah  |
| 4. Mali                        | - Mr Mahadeva       |
| 5. Mali                        | -- Mr Papanna       |

ENGINEERING DIVISION

- |                             |                              |
|-----------------------------|------------------------------|
| 1. Asst. Executive Engineer | - Mr K V Srinivas, BE(Civil) |
| 2. Asst. Engineer           | - Vacant                     |
| 3. Junior Engineer          | - Mr Shankar Rao Kadam       |
| 4. Draughtsman              | - Vacant                     |
| 5. Upper Division Clerk     | - Mr M P Pandurangaraja Urs  |
| 6. Care Taker               | - Mr L Siddaiah              |

OFFICE AND OTHERS

- |                                  |   |
|----------------------------------|---|
| 1. Office Superintendent         | - Mr K H Radhakrishna, M.A, B.Com             |
| 2. Upper Division Clerk          | - Mr S G Gopinath                             |
| 3. Upper Division Clerk          | - Mr N Ramachandra Rao                        |
| 4. Upper Division Clerk          | - Mr G H Ananda Ram, BBM                      |
| 5. Upper Division Clerk          | - Mr A N Prasad, B.Com                        |
| 6. Store Keeper                  | - Mr L Basavaiah, M.A                         |
| 7. Upper Division Clerk          | - Ms Anitha Baldev Raj, B.A<br>(Lien Vacancy) |
| 8. Junior Stenographer (Kannada) | - Ms V Shubha, B.A                            |
| 9. Lower Division Clerk          | - Mr R Kannan                                 |
| 10. Lower Division Clerk         | - Mr Somanna B.A.                             |
| 11. Receptionist                 | - Ms S V Anusuya, B.A., B.Ed.                 |
| 12. Staff Car Driver             | - Mr M K Ramappa                              |
| 13. Omni Bus Driver              | - Mr A Jesurathnam                            |
| 14. Sr Gestetner Operator        | - Mr Madhu                                    |
| 15. Peon                         | - Mr. Hobliah                                 |
| 16. Watchman in Selection Grade  | - Mr.Thimappa                                 |
| 17. Watchmen                     | - Mr.Dasappa                                  |
|                                  | - Mr P Padam Bahadur                          |
|                                  | - Mr S Shivappa                               |
|                                  | - Mr M Kannappan                              |
|                                  | - Mr R H Venkatarama Gowda                    |
|                                  | -   |
| 18. Packer                       | - Mr D.Kendiah                                |

DEPARTMENTAL CANTEEN

- |                     |                |
|---------------------|----------------|
| 1. Counter Clerk    | - Mr M Rajappa |
| 2. Coffee-Tea Maker | - Mr Gaviappa  |

AIISH HOSTELS

- |                          |                    |
|--------------------------|--------------------|
| 1. Cook (Gent's Hostel)  | - Mr.K.Ramaswamy   |
| 2. Cook (Ladies' Hostel) | - ms. T.N.Gowramma |



SWEEPERS

- |                               |                  |
|-------------------------------|------------------|
| 1. Sweeper in Selection Grade | - Mr Nanjaiah    |
| 2. Sweeper                    | - Ms. D N Padma  |
| 3. Sweeper                    | - Mr Ramachandra |
| 4. Sweeper                    | - Ms Amasamma    |

APPOINTMENTS

- |   |  |
|---|--|
| 1. Director                                     | - Dr M Nithya Seelan<br>w.e.f. 17.12.1984      |
| 2. Prof of ENT                                  | - Dr M V Susheela<br>w.e.f. 21.12.84           |
| 3. Asst. Executive Engineer                     | - Mr K V Srinivas<br>w.e.f. 28.6.84            |
| 4. Lecturer in Linguistics                      | - Ms Basanthi Devi<br>w.e.f. 29.5.84           |
| 5. Lecturer in Speech Pathology                 | - Mr Ravishankar Shukla<br>w.e.f. 29.10.84     |
| 6. Lecturer in E.N.T.                           | - Dr Sunil B.Bhoj<br>w.e.f. 11.2.85            |
| 7. Electronics Engineer                         | - Mr M K Sitaram<br>w.e.f. 18.2.85             |
| 8. Junior Accounts Officer                      | - Mr G Ramaiah<br>w.e.f. 25.10.84              |
| 9. Research Assistant                           | - Ms Geetha Mukundan<br>w.e.f. 28.6.84         |
| 10. Research Assistant<br>(Lien Vacancy)        | - Ms.S R Savithri<br>w.e.f. 4.7.84             |
| 11. Research Assistant<br>(Leave vacancy)       | - Ms P N Maya<br>w.e.f. 13.9.84 A/N            |
| 12. Research Assistant<br>(Clinical Psychology) | - Mr Y T Balakrishna Acharya<br>w.e.f. 26.2.85 |
| 13. Technical Assistant                         | - Mr M K Sitaram<br>w.e.f. 9.7.84              |
| 14. Junior Stenographer (Kannada)               | - Ms V Shubha<br>w.e.f. 4.8.84                 |
| 15. Upper Division Clerk<br>(Lien Vacancy)      | - Ms Anitha Baldevraj<br>w.e.f. 7.1.85         |

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- |                                  |   |
|----------------------------------|---|
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| 5. Upper Division Clerk          | - Mr A N Prasad, B.Com                        |
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| 7. Upper Division Clerk          | - Ms Anitha Baldev Raj, B.A<br>(Lien Vacancy) |
| 8. Junior Stenographer (Kannada) | - Ms V Shubha, B.A                            |
| 9. Lower Division Clerk          | - Mr R Kannan                                 |
| 10. Lower Division Clerk         | - Mr Somanna B.A.                             |
| 11. Receptionist                 | - Ms S V Anusuya, B.A., B.Ed.                 |
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| 14. Sr Gestetner Operator        | - Mr Madhu                                    |
| 15. Peon                         | - Mr. Hobliah                                 |
| 16. Watchman in Selection Grade  | - Mr.Thimappa                                 |
| 17. Watchmen                     | - Mr.Dasappa                                  |
|                                  | - Mr P Padam Bahadur                          |
|                                  | - Mr S Shivappa                               |
|                                  | - Mr M Kannappan                              |
|                                  | - Mr R H Venkatarame Gowda                    |
|                                  | -   |
| 18. Packer                       | - Mr D.Kendiah                                |

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|-------------------------------|------------------|
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| 2. Sweeper                    | - Ms. D N Padma  |
| 3. Sweeper                    | - Mr Ramachandra |
| 4. Sweeper                    | - Ms Amasamma    |

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- |   |  |
|---|--|
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| 4. Lecturer in Linguistics                      | - Ms Basanthi Devi<br>w.e.f. 29.5.84           |
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| 7. Electronics Engineer                         | - Mr M K Sitaram<br>w.e.f. 18.2.85             |
| 8. Junior Accounts Officer                      | - Mr G Ramaiah<br>w.e.f. 25.10.84              |
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| 10. Research Assistant<br>(Lien Vacancy)        | - Ms.S R Savithri<br>w.e.f. 4.7.84             |
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| 12. Research Assistant<br>(Clinical Psychology) | - Mr Y T Balakrishna Acharya<br>w.e.f. 26.2.85 |
| 13. Technical Assistant                         | - Mr M K Sitaram<br>w.e.f. 9.7.84              |
| 14. Junior Stenographer (Kannada)               | - Ms V Shubha<br>w.e.f. 4.8.84                 |
| 15. Upper Division Clerk<br>(Lien Vacancy)      | - Ms Anitha Baldevraj<br>w.e.f. 7.1.85         |

16. Receptionist

- Ms S V Anasuya  
w.e.f. 4.6.84

ABSORPTION

1. Reader in Clinical Psychology

- Mr P Kalaiah  
w.e.f. 26.10.84

DEPUTATION

1. Dr N Rathna

- To Ali Yavar Jung National  
Institute for Hearing Handicapped,  
Bombay

2. Mr M G Subramanaiah

- To District Rehabilitation Centre,  
AIISH Mysore

3. Mr B S Gururaja, UDC

- To District Rehabilitation Centre  
AIISH, Mysore.

RESIGNATION

1. Electronics Engineer

- Mr S Narayana Raju  
w.e.f. 1.11.84

2. Research Assistant

- Ms S Nagalambike  
w.e.f. 20.10.84 A/N

3. Research Assistant

- Ms S G Gayathri  
w.e.f. 1.5.84.



HIGH LIGHTS : 1984-85

The year 1984-85 has been a busy, but a satisfying year. There was a significant increase in the work load of the Institute - in training, research and clinical areas - following the implementation of a number of projects of the Central as well as State Governments.

Our faculty members have effectively participated in technical committees, workshops and conferences held in various parts of the country. The staff have also richly contributed to various professional journals in both the National and International arena. Judging from these, we can say that our field as well as this Institute have made significant contribution to the welfare of the people of this great country.

The District Rehabilitation Centre, a three years pilot project, sponsored by the Ministry of Social and Women's welfare, Government of India has made significant progress towards achieving its objectives. A number of survey camps were conducted to identify the needy population. Besides, the syllabus for the training of multipurpose rehabilitation assistants to work in the project has been finalised.

The Institute expanded its training and research activities by establishing a Department of Speech Sciences in the Institute last year. This Department, it is hoped, would focus into the long neglected area of training and research into the basic aspects of speech. A proposal for establishing an independent department of Language Pathology has been tentatively accepted.

The Department of Speech Pathology has conducted two workshops - one on training for the parents of the hard of hearing children and the other on Neurolinguistics. Both workshops made significant contribution in their respective fields of interest.

There was increased focus on research activities during the last year in the Institute as judged from the number of research proposals submitted to organisations like ICMR, WHO and UNICEF for financial assistance. It is heartening to note that two such proposals - one each from the Department of Audiology and ENT have been tentatively approved by the WHO. Besides, a collaborative research project between



this Institute and the Defense Electronics and Bio-Medical Engineering Laboratory, Bangalore is being pursued. Work on the existing research projects in various Departments of the Institute continued to make progress.

Under the scheme 'Aids and Appliances for the Handicapped' of the Social and Women's Welfare Ministry, 592 hearing aids were issued free of cost (121 hearing aids at half cost) to the patients belonging to the weaker section of the society.

Like in the various years, quite a number of professional luminaries from this as well as other countries visited the Institute and delivered guest lectures.



DIRECTOR'S ACTIVITIES

DR.M.NITHYA SEELAN

Workshops/Conferences/Meetings/Attended:

- |   |                    |
|---|--------------------|
| 1. Chair-Person: Workshop on Neurolinguistics   | 5.1.85             |
| 2. Pay Revision Committee   | 17.1.85            |
| 3. Speech and Hearing Camp at Polybetta   | 19.1.85            |
| 4. Recruitment Rules Committee at AIISH   | 21.1.85            |
| 5. Examiner, Post-graduate Examination in ENT at Tirupati and Kurnool.  | 7.2.85 to 9.2.85   |
| 6. Annual Conference of Indian Speech & Hearing Association at Bombay: Delivered Key-note address   | 11.2.85 to 13.2.85 |
| 7. Technical Committee Meeting on Purchase of Aids Social Welfare Ministry, New Delhi.  | 26.2.85 to 27.2.85 |
| 8. Board of Studies Meeting on Linguistics: University of Mysore  | 8.3.85             |
| 9. Board of Studies of AIISH  | 19.3.85            |
| 10. Technical Committee meeting on "Standard Set of Definitions of Disabilities" called by DGHS, Ministry of Health & Family Welfare, New Delhi | 30.3.85            |

PROJECTS

1. Project Co-ordinator of District Rehabilitation Centre sponsored by the Ministry of Social Welfare, Government of India.
2. Proposed a project on "Assessment and Treatment of Tinnitus" to WHO - Tentatively approved.

DEPARTMENT OF SPEECH PATHOLOGY

A. GENERAL OBJECTIVES:

Apart from student training, the objectives of the department are:

1. To provide testing and diagnostic facilities for the various Speech and Language disorders, both in children and adults.
2. To provide Speech and language therapy, both short and long term, for those individuals who require it; to counsel the families of the Speech and Hearing Handicapped in terms of management.
3. To educate the general public regarding the prevention, identification and management of Speech and Language defects.
4. To conduct research into various aspects of speech and Language defects and update management techniques.

B. ORGANIZATION OF THE DEPARTMENT:

To achieve the objectives mentioned above, the staff have been assigned, wherever possible specific responsibilities in the following functional units:

1. Training
  2. Diagnostics and testing
  3. Clinic
  4. Counselling
  5. Research and Development
  6. Speech Lab.
  7. Public Education.
1. Teaching: The teaching faculty of the department have been responsible for successful completion of the various papers in Speech-Language Pathology and Linguistics for both B.Sc and M.Sc students. Details are as follows:-

B.1.1.1. Speech & Language Disorders

Dr Prathibha Karanth

&

Dept. of Sp.Sciences

B.1.5.2. Linguistics, Phonetics &  
Phonemics

Mrs Basanti Devi



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Dr Prathibha Karanth

&

Dept. of Sp.Sciences

B.1.5.2. Linguistics, Phonetics &  
Phonemics

Mrs Basanti Devi



B.2.1.2 Speech therapeutics, Diagnostics, and organization and administration of Speech and Hearing centres.	Dr N Rathna (Mr R S Shukla since December 1984)
B.2.1.3. Articulation disorders Stuttering	Ms. M A Mythili & Dept. of Sp.Sciences
B.3.1.4. Voice, Laryngectomy and Cleft Palate	Dr M Jayaram
B.3.1.5 Cerebral Palsy, Mental Retardation and other organic problems	Ms M A Mythili
B.3.1.6 Language development and disorders	Dr Prathibha Karanth
M.1.1.1 Articulation and Stuttering	Dr M Jayaram
M.1.1.2 Voice, Laryngectomy, Cleft Palate	Dr M Jayaram and Dept. of Sp.Sciences
M.2.1.3 Language and Language Pathology	Dr Prathibha Karanth
M.2.1.4 Cerebral Palsy, MR and other Neurological disorders	Ms M A-Mythili
M.2.4.4 Psycholinguistics	Ms Basanti Devi

Examinations (Clinical and theory) were held for the B.Sc and M.sc in the months of April and May 1984. The training programme for the year 1984-85 began in the month of July 1984.

A group of ENT doctors from Air Force Command Hospital, Bangalore and another ENT Surgeon from Bellary Medical College were given Short Term courses in Speech and Language Disorders at the department.

2. DIAGNOSTICS AND COUNSELLING: The diagnostics and counselling work of the department is carried out by the students posted in the department under the direct supervision of the clinical assistants posted in the diagnostic section as also the teaching faculty who are posted in diagnostics by rotation for one day in a week.

3. CLINIC The Therapy Clinic, the major portion of which is situated in the Institute with a small extension at K R Hospital is responsible for administering speech and language therapeutic services for approximately 125 cases per day. The day-to-day management and supervision of the clinic is carried out by the Clinical Supervisor assisted by a Clinical Assistant and an Itinerant Speech Therapist under the overall supervision of a clinic in-charge. In addition to the work in the Clinic, the



Itinerant Speech Therapist makes regular home/school visits to safeguard the overall interest of the cases. The teaching faculty and the clinical staff posted in the clinic also serve as Supervisors for about ten cases each. Supervision of cases in the therapy clinic is also being contributed to by the staff of the Department of Speech Sciences and that of the department of Audiology.

#### C ACCOMMODATION

1) <u>Existing:</u> Area - Diagnostic & Counselling Section	500 sq.ft.
Clinic	2300 sq.ft.
Staff rooms & Departmental Office	<u>1100 sq.ft.</u>
Total	<u>3900 sq.ft.</u>

- 2) Need: The department is currently cramped within a space of 3,900 sq.ft. Additional area to the tune of 2000 sq.ft. to extend the Diagnostic and Counselling Section, to house a departmental laboratory and to provide more space for the staff is required urgently.

#### D EQUIPMENT:

##### Existing:

1. Uher Tape Recorder	1 No
2. Philips Cassette tape recorders Model N 2218	4 Nos
3. Cassettes Sony CHF C-90, Coney C-90	58 Nos
4. Cosmic stereo cassette deck	1 No
5. Sonnet stereo Tape Recorder (Spooltype)	1 No.

##### Newly Acquired: 1984-85

1. Ahuja Stereo cassette recorder	1 No
2. Prestinox 35 mm slide projector	1 No
3. Revox 77 B sync -professional tape recorder	1 No
4. Philips AM 125 cassette recorders	8 Nos
5. G & S Auditory Trainers with accessories	2 Nos
6. Amplivox speech trainers plus accessories	2 Nos
7. Calipsonic Speech aids plus accessories	2 Nos
8. Madsen Stereo speech trainer plus accessories	1 No
9. HMV fiesta popular	1 No
10. Rodart type stroboscope	1 No
11. Philips tone generator	1 No



12. Madsen 'S' Indicator	1 No
13. Sonnet Stereo spool tape recorders ST 480	3 Nos
14. Madsen Speech emphasis indicator	1 No
15. Artificial larynx (Western electric)	2 Nos
16. Philips speakers	3 Nos
17. National panasonic tape recorders	3 Nos
18. Philips portable tape recorders	12 Nos
19. Electronic metronome	1 No
20. Stammer suppressor	1 No
21. Mechanical metronome	1 No
22. Digital stop watch	1 No
23. DAF instrument with accessories	1 no
24. Gramophone records	104 Nos
25. Colour slides - wild life of India	69 Nos
26. Cassettes	100 Nos
27. Hearing Aids	43 Nos
28. Teaching Aids, toys and books	

The department would be acquiring in the very near future, two more instruments, Vocal-2 and Laryngograph for which orders have already been placed.

#### E CASE LOAD

An average of 290 cases per month are attended to in the Diagnostic and Counselling section of the department. Facilities are available for

1. Case history taking
2. Speech evaluation
3. Language testing
4. Counselling
5. Referrals

#### F STATISTICS:

1. The following Table gives the statistics of the Diagnostic and counselling work carried out in the department from April 1984 to March 1985.



Month	Speech Evaluation	Counselling	Total cases (including case history)
April	193	63	283
May	436	105	575
June	398	85	456
July	338	101	437
August	185	58	255
September	286	68	307
October	289	70	349
November	351	82	401
December	233	55	270
January '85	168	89	168
February '85	154	59	268
March '85	112	48	176

2) The following are the statistics of the cases who underwent therapy at the Clinic from April 1984 to March 1985.

Month	No. of cases	No. of sessions	No. of observation/ demonstration therapy cases	New cases assigned	No. of cases discharged.
April	110	615	18	22	20
May	152	1256	60	66	36
June	130	1151	28	38	31
July	127	1391	15	42	16
August	118	1139	11	20	12
September	120	1160	15	25	17
October	120	857	16	24	11
November	117	1131	15	29	12
December	103	931	16	17	7
Jan. '85	119	1127	8	32	8
Feb.	112	983	11	25	12
March	99	889	4	13	6

3) Following are the statistics of the work done by the Itinerant Speech Therapist:

Followup therapy cases	- 197
Home visit	- 2
School visits	- 32

4) Public Education: In connection with the "World Health Day" an exhibition and screening of children for Speech and Hearing problems was conducted at Balbhavan on 7th April 1984. Mr P Chandra and Mr M B Purushothama from the department participated in the exhibition.

Staff members from the department participated in 17 Speech and Hearing camps conducted by the Institute.

Public Education Lectures:

The following Public Education lectures were given by staff members of the department:

Ms Indira Prakash delivered lecture on "Early Identification, Prevention and Public Education" at CFTRI School on 23rd August 1984; at St. Joseph's Primary School on 20th October 1984, and Rotary School on 7th June 1984.

Ms R Manjula delivered a lecture on "Development and use of play materials" on 24th January 1985 at J S S Institute of Social Work.

G RESEARCH PROJECTS:

An Inter-institutional collaborative research project involving this Institute, the National Institute of Mental Health and Neuro Sciences, Bangalore and the All India Institute of Medical Sciences, Delhi has been worked out by Dr. Prathibha Karanth and has been submitted to the ICMR, New Delhi for funding.

The department submitted the following research projects to WHO and UNICEF.

1. A therapeutic Model (Programme for the hard of hearing children)



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1. A therapeutic Model (Programme for the hard of hearing children)

2. developing Audio visual films on hearing impairment and cleft palate
3. Vocabulary of lip reading words

The following M.Sc dissertations were taken up in the department for the year 1984-85:

1. 'Pragmatic Analysis of Aphasic Conversations' under the guidance of Dr Prathibha Karanth.
2. 'A study of co-articulation in stuttering' under the guidance of Dr M Jayaram.

The following staff members from the department have been recognized as being eligible to guide doctoral dissertations in Speech and Hearing by the University of Mysore.

1. Dr Prathibha Karanth
2. Dr M Jayaram

Mr R S Shukla has been working for his Ph.D on "Objective measurements in the Speech of the hearing impaired". Miss G N Rangamani has been selected as Research Fellow for the year 1984-85 and would be working on "Aphasia and bi/multilingualism; Clinical evidences towards the cerebral organization of languages.

#### Papers published:

M. Jayaram:

Distribution of stuttering in sentences: Relationship between sentences length and clause position, Journal of Speech and Hearing Research, 27 (3) 238 - 242, 1984.

P.Karanth

Dyslexia in a Dravidian language in Patterson, K.E., Marshall J.C., and Coltheart, M (Eds). Surface Dyslexia: Neuropsychological and Cognitive Studies of Phonological Reading. London: Lawrence Erlbaum Associates, 1985.



## I ACTIVITIES:

### Workshops:

1. Dr Prathibha Karanth, Reader and Head of the Department of Speech Pathology conducted a two day workshop on Language Disorders at Bombay at the invitation of BYL Nair Hospital, Bombay.
2. The department organized a workshop for the Parents of Hard of Hearing Children from 8th October to 10th October 1984. 37 delegates from all over the country participated in the workshop. Members of staff from all the departments of this Institution spoke on various aspects of the management of hard of hearing child. This was followed by a session in the Clinic where teaching aids were exhibited and demonstration of therapy techniques were held. The parents were also given token teaching aid kits. Parents who have been successful in the rehabilitation of their hard of hearing children and a couple of hard of hearing adolescents spoke on their experience during the final session of the workshop.
3. The workshop on Neurolinguistics was held as scheduled from 5th January 1985 to 8th January 1985 (both days inclusive). Mr P Sethumadhava Rao, Deputy Secretary, University Grants Commission inaugurated the workshop on 5.1.85 and delivered the keynote address. The workshop was conducted by the following resource personnel: Dr R Narasimhan of TICR, Bombay, Dr Prithika Chary of Apollo Hospitals, Madras, Dr Jyotsna Vaid of University of California and Dr Prathibha Karanth of AIISH. 20 delegates as also 10 departmental staff members participated in the workshop. The workshop was also open to about 46 students of this Institute comprising of the first and second M.Sc and the final B.Sc batches.
4. Ms S R Savithri participated in the Symposium on 'Integrated Education for Hearing Impaired' organized by the NCERT, New Delhi from 19th September to 22nd September and presented a paper on "Research needs for planning and implementing integrated education".
5. Ms Basanti Devi participated in the Summer Institute in Advanced Phonetics - held at CIIL, Mysore from 31st May 1984 to 21st June 1984.



6. Mrs Basanti Devi participated in the conference held at Bangalore from 19th to 21st October 1984 organized by Ecumenical Christian Centre on 'Consultation on Assam' and presented a paper on 'Bodo Language Movement'.
7. Ms Indira Prakash participated in a one day workshop on Integration of the Hearing Impaired Child held at Ali Yavar Jung National Institute for the Hearing Handicapped, Bombay in the month of November 1984.
8. Dr Prathibha Karanth participated on a workshop on Diploma Course in Management of Communication Disorders held at Ali Yavar Jung National Institute for the Hearing Handicapped, Bombay in December 1984.
9. Mr R S Shukla participated on a workshop on Multipurpose Rehabilitation Assistants held at Ali Yavar Jung National Institute for the Hearing Handicapped, Bombay in December 1984.
10. Mr R S Shukla participated in the Indian Speech and Hearing Association Conference in January 1985 and presented a paper on "Consonant durational deviations in the Speech and hearing impaired"
11. Dr Prathibha Karanth participated in the Symposium on Child Language Disorders - Autism held at NIMHANS from 6th to 8th February 1985 where she presented a paper titled 'Pronominal Reversal in Autism'.
12. Miss R Manjula, Clinical Supervisor attended the workshop on Cued Speech on 23rd and 24th March 1985 at Bombay.

In connection with the celebrations of the world Disabled Day a painting competition open to all the handicapped in the Mysore City was organised at the Clinic on 16.3.85. Sports were also conducted for the children who attended the AIISH clinic. The Institute participated in the celebrations organised by the Anga Vikalara Abhudaya Sangha on 17.3.85 at Maharaja's Centenary Hall. A skit in English and two dances were presented by the cases of the Institute. A prize distribution and entertainment programme was conducted at the Institute on 18.3.85.



### J COLLABORATIVE WORK:

Discussions are being held on possibilities of collaborative research in the area of language acquisition between this Institute and the Tata Institute of Fundamental Research Bombay. Tentative programmes to carryout research on language acquisition and delayed language acquisition within the pragmatic model have been drawn.

Also, discussions were held with Prof P V S Rao and his group for identifying areas in which collaborative research could be taken up in future. The following areas were identified on which collaborative research could be taken up:

1. Artificial Larynx
2. Visible Speech training system
3. Synthetic Speech and Speech discrimination studies
4. Low noise hearing aids - A model has been brought for trial in the clinic.

### Guest Lectures:

1. Dr Jyotsna Vaid, Research Associate at the Salk Institute, California, delivered a lecture on Brain and Bilingualism on 5th September 1984 for the staff and students.
2. Experts on Autism delivered a few guest lectures on autism at the Institute:  
  
 Dr Margot Prior "Historical over view of Autism" on 11.2.85  
 Dr Catherine Lord "Speech Comprehension in Autistics" on 11.2.85  
 Dr Catherine Lord "Language Therapy for Autism" on 11.2.85  
 Dr Ricks "Autism as a developmental disorder" on 12.2.85
3. Mrs Virginia Bingham delivered the following lectures to the students of final B.Sc and final M.Sc in February/March 1985.
  1. PICA test for aphasia - theory and demonstration
  2. Language disorders in closed head injuries
  3. Management of dysphagia and
  4. Dysarthria - types and management.

L WORK CONTEMPLATED FOR THE COMING YEARS:

1. It has been proposed to establish specialized clinical units such as dysphonia and vocal hygiene unit, cleft palate unit, rhythm disorders unit, articulation unit, and neurological disorders unit.
2. It has been proposed to establish the departments of language pathology and language sciences.
3. A 15 day workshop on Intensive group therapy for stutterers.
4. An international conference on Stuttering.



## DEPARTMENT OF SPEECH SCIENCES

The Department of Speech Sciences has been functioning as an independent department for the last 10 months, since 10th May 1984.

### A GENERAL OBJECTIVES

1. To provide testing and diagnostic facilities for the various Speech disorders in both children and adults.
2. To educate the general public regarding prevention, identification and management of Speech defects.
3. To conduct research into various aspects of speech.
4. To provide speech and voice extension services to the public speakers, singers and teachers.

### B ORGANIZATION OF THE DEPARTMENT

To achieve the objectives mentioned above, the staff of the department have been assigned specific responsibilities in the following functional units:

1. Training
2. Diagnostic and testing
3. Clinic
4. Research and development
5. Speech lab
6. Public education.

Teaching: The faculty of the department has been responsible for successful completion of the various papers in Speech and language pathology for both B.Sc and M.Sc students.

1. Mr N P Nataraja	Voice	I M.Sc
2. Mr P J Kumar	Part of Speech- & Language Disorders	I M.Sc
	- Articulation	II B.Sc
3. Mr A Jagadish	- Practicals	III B.Sc & II M.Sc



D ACCOMMODATION:Existing Area:

- |    |   |            |
|----|---|------------|
| i  | Speech Lab. (including the sound treated rooms) | 582 sq.ft. |
| ii | Staff rooms and departmental Office             | 264 sq.ft. |

Accommodation Need:

A separate 'Speech Block' to house the department of Speech Sciences with an area of 2000 sq.ft. is needed. A proposal for the same has been submitted to the Institute.

E EQUIPMENTExisting:

1. Kymograph, CAT No. OM 05
2. Measuring Amplifier Type 2606
3. Motion Analyser Type 5066
4. Tacho Unit Type 5527
5. Precision Sound level meter Type 2203-8
6. Octave filter set - type 1615
7. Beat frequency Oscillator - Type 1022
8. Pitch Computer Type PC 1400, PC 1400
9. Speech Spectrograph 700 series with accessories
10. High resolution signal analyser with condensor Microphone type 2033
11. Uher SG 631 Logic - Tape Deck with accessories
12. Sonnet ST 480 Stereo spool tape recorders
13. SOIS Amplispeakers
14. Ahuja AUD 535 Microphones
15. Microphone stands
16. Philips stereo deck F 6112 - 2 type F 6112/00
17. Philips stereo amplifier (integrated amplifier 16 AH 824)
18. 7000 X-Y Recorder
19. Electro Aerometer Type EA 510/4
20. Larynx Microphone, Type LM 110/200
21. PM 100 Intonation/Language Training device
22. Electronic dimmers.

Need:

- |                        |      |
|------------------------|------|
| 1. Spool Tape Recorder | 1 No |
| 2. Cassette deck       | 1 no |



- |                      |      |
|----------------------|------|
| 3. Digital Sonograph | 1 No |
| 4. Laryngograph      | 1 No |

### F STATISTICS

As part of the physical target to develop library of Speech and language samples, speech samples of 227 cases have been recorded. The following table gives the number of cases tested in the speech lab of the department:

Sl. No.	Type of cases	No.
1.	Stuttering	87
2.	Hoarse Voice	48
3.	Pueberphonia	23
4.	Nasality (Cleft lip, Cleft palate, Submucous cleft)	24
5.	Misarticulation	16
6.	High pitched voice	23
7.	Cluttering	5
8.	Normal -non-fluency	4
9.	Aphasia	4
10.	Functional Aphonia	4
11.	Pitch Breaks	3
12.	Slurred speech	3
13.	Breathy voice	5
14.	Whispered voice	2
15.	Fast Rate of Speech	2
16.	Dysarthria	3
17.	Soft voice	2
18.	Diplophonia	2
19.	Esophagial speech	1
20.	Normal voice	3
21.	Others	4

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#### D RESEARCH:

The staff of the department have guided the students of M.Sc 1984 batch in preparing the following dissertation.

1. Off - Pitch phenomenon in Singers
2. Distinctive features of Telugu consonants
3. Analysis of Speech of stutterers
4. A language test in Kannada - expression in children.

The staff of the department are guiding, at present, the following dissertations of M.Sc students.

1. Acoustic aspects of the speech of children
2. Some prosodic aspects in kannada language
3. Some prosodic aspects in Hindi language.

#### Projects

The following research works have been carried out and research papers have been submitted for publication.

1. Macro glossia - A case study
2. Vital capacity and its relations to height and weight
3. Linguistic Analysis of stutterers speech
4. Interhemispheric and Intra hemispheric transmission on bimanual and unimanual letter recognition and matching task.
5. Reaction time in stutterers
6. Vowel duration and fundamental frequency
7. Mean air flow rate and optimum frequency
8. Phonation duration and optimum frequency
9. Fundamental frequency in phonation, Reading, Speaking and singing

The following research studies are under progress.

1. Stress pattern in Kannada
2. Acoustic characteristics in developmental disorders
3. Vowel duration and sentence length
4. Effect of DAF on Normals
5. Influence of mother tongue on the second language



6. Stuttered and nonstuttered speech of stutterers
7. Infant Cry analysis
8. Filtered speech effects on Normals
9. Duration of sentence in different age group
10. Finding mean air flow rate from vital capacity
11. Differential diagnosis in dysphonia

#### H ACTIVITIES

Workshops: Mr P J Kumar and Mr A Jagadish participated in the workshop for the Parents of Hard of Hearing Children held at AIISH from 8th October to 10th October 1984 and delivered lectures on

1. Speech Perception and
2. Speech Production

Mr N P Nataraja was invited to attend a workshop on "Integration of Hearing Handicapped" organised by NCERT and presented a paper on "Integration of the Hearing Handicapped - A Speech Pathologists view"

Mr P J Kumar attended a workshop on Formulation of Syllabus for Multipurpose Rehabilitation Workers" at the Ali Yavar Jung National Institute of the Hearing Handicapped, Bombay on 8th October 1984.

Mr N P Nataraja attended a workshop on syllabus for the one year diploma course in Speech and Hearing held at Ali Yavar Jung National Institute for the Hearing Handicapped on 3rd and 4th December 1984

Mr N P Nataraja and Mr A Jagadish attended Indian Speech and Hearing Association Conference held at Bombay during 1985.

#### I. Collaborative Work:

Mr Peri Bhasker Rao, Prof. & Head, Department of Linguistics, Deccan College, Poona delivered a lecture on

- i. Articulatory postures in human beings and
- ii. Distinctive features and their advantages to the staff and students of the Institute.

The department has taken up a research project on "Effect of helium on Speech" in collaboration with the Defence Electronics and Bio-Medical Engineering Laboratory, Bangalore.

J Work contemplated for the coming years:

Physical targets proposed to be achieved during the VII Plan.

Under Phase-I (1985-86)

Training:

1. To provide more practical classes for B.Sc and M.Sc.
2. To modify the syllabus and to implement the same
3. Refresher courses for graduates and Post-graduates working to familiarize them with new development in the field.
4. To guide M.Sc and Ph.D.students in their research.

Clinical:

1. Development of standard procedures for measurement of various aspects of speech.
2. Speech and voice extension services (SAVES)

Research:

1. Speech Production: Infant cry analysis for early identification of the handicapped
2. Developing methods of differential diagnosis of voice disorders and their clinical applicability
3. Study of distinctive features of various Indian languages.

Speech Perception:

4. Study of cerebral dominance
5. Perception of different speech stimuli under different conditions.

Public Education:

1. Camps
2. Writing articles and delivering lectures to various groups of laymen regarding maintenance of good speech of voice.
3. Developing video tapes regarding various aspects of speech and language development.
4. Publication of Research work carried out by the department.



DEPARTMENT OF AUDIOLOGY

The past year has been a busy one - demanding, stimulating and at times, frustrating for want of more facilities. There has been an up-shoot in the case load following the implementation of welfare programs instituted by the Central and State Governments. The research and training needs have also increased, thus straining our resources to the maximum. We eagerly look forward to expansion of the present facilities.

At the national level, our efforts for the growth and development of the profession have been extensive. Our staff have been invited to participate at conferences, workshops, seminars, symposia and have served on various technical and other committees. We consider these developments as an indication that our field has at last been accorded due recognition. Our efforts over the years have borne fruit.

A. GENERAL OBJECTIVES

The objectives of the department are diverse. These include:

Training: Apart from training students at graduate, post-graduate and doctoral levels;

1. To give orientation in audiology to medical, paramedical and non-medical (parents, teachers and others) personnel.
2. To extend training facilities to Speech and Hearing graduates from other training centres.
3. To facilitate continuing education

Research:

1. To carryout research projects and to contribute to the growth of the professors.
2. To collaborate with various agencies in conducting research and to acquire necessary technical information.

Apart from the general objectives of the Institute:

1. To make available such information as may be necessary for the diagnosis of otological, neurological and other disorders.

Dissemination of information :

1. To provide necessary information/skills to lay persons, administrators and allied professionals with regard to identification, diagnosis, rehabilitation and prevention of communicative disorders.
2. To provide consultancy services to various institutions:- government, quasi-government, visitors from foreign and private, wherever it is in the interest of the growth of the profession. This could be for setting up speech and hearing centres, improving the existing facilities, manufacture of aids and appliances etc.

B ORGANIZATION OF THE DEPARTMENT

To achieve the objectives listed earlier, wherever possible the staff have been assigned specific responsibilities in the following functional units.

1. Training
2. Hearing Evaluation
3. Hearing Aid Evaluation
4. Earmoulds
5. Research and Development
6. Therapy
7. Dissemination of information
8. Noise trauma cell.

C ACCOMMODATION, AREA-LAB/STAFF: NEED

Existing:

Sound treated rooms:

Two room situation (4 room)	= 485 Sq.ft.
Single rooms (3 rooms)	= 273 Sq.ft.
Ear mold Lab.	= 327 Sq.ft.
Demonstration/Store room	= 264 Sq.ft.
Office space for staff	= 327 Sq.ft.



Hearing Aid trial	= 141 Sq.ft.
Store	= <u>400 Sq.ft.</u>
Total existing area	= <u>2408 Sq.ft.</u>

Need:

1. More test rooms
2. A room for case history and demonstration
3. Office space for staff

D EQUIPMENT

Existing:

1. Audiometers - Screening/Diagnostic and Micro-processor
2. Impedance meters
3. Brainstem Evoked Response Audiometry
4. Hearing Aids
5. Rehabilitation Aids
6. Earmold Lab. equipment
7. Recording and replay equipment
8. Calibration equipment
9. Hearing Aid analysis system
10. Noise and vibration measurement kit
11. Ear protective devices

New Acquisition:

1. Arphi Model 900 Digital Audiometer
2. Vacuum cleaner (Euroclean)
3. Ultrasonic cleaner (Ultrasonic system)
4. Voltage stabilizer (Nelco)
5. Philips amplifier LBD 8120/12

E CASE LOAD

Total No. of cases seen

	<u>84-85</u>	<u>83-84</u>
Hearing evaluation	7396	5017
Hearing aid trial	2960	1828
Earmolds	1208	672

There has been significant increase (about 32.5%) in the case load illustrated by the figures above.

## F. STATISTICS

### Training:

No. of courses taught	11
No. of independent projects:	
(a) Completed	12
(b) In progress	11
No. of dissertations:	
(a) Completed	7
(b) In progress	7
No. of guest lectures/demonstrations	2
No. of films screened	8
No. of persons for short-term training programs	3

### Hearing Evaluation:

Total No. of cases seen	7396
Hearing within normal limits	868
Conductive Hearing Loss	1157
Sensorineural Hearing loss	2476
Mixed hearing loss	781
Special tests: BSERA/TDT/Impedance test	662
Students-subjects for dissertation	26
Certificate for pension	482
Certificate for scholarship	2
Certificate for admission to Deaf School	45
Audiogram copies issued	813
Certificate for other benefits	84

### Hearing Aid Trial:

Total No. of cases seen	2945
Adults:	1667
Children:	1253



No. of cases seen for hearing aid trial:	2279
Body worn aids	2106
Behind the ear	155
Spectacle	8
Bone conduction aids	8
Hearing aid trial-cum-auditory trainer	2

Types of services rendered

1. Counselling and demonstration	512
2. Use of Telephone by hearing aid users	38
3. Trouble shooting of hearing aid	154
4. Prescription and change of prescription	381
5. Reimbursement - formalities reg.	4
6. No. of hearing aid available for trial purpose ranged between	49 to 54

Earmold Lab:

1. No. of cases seen (One or more impressions are taken for each case)	1208
2. No. of impressions taken:	
a. On payment	1694
b. Free	516
3. No. of cases to whom molds were issued	906
4. Types of molds:	
Regular molds	2092
Skeleton molds	78
Special type of molds	32
Prosthesis	8
5. No. of molds completed	1953

Dissemination of information

No. of orientation lectures	3
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No. of cases seen for hearing aid trial:	2279
Body worn aids	2106
Behind the ear	155
Spectacle	8
Bone conduction aids	8
Hearing aid trial-cum-auditory trainer	2

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	} 2210
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Special type of molds	32
Prosthesis	8
5. No. of molds completed	1953

Dissemination of information

No. of orientation lectures	3
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Instruments:

Sound Level meter (B & K 2209)	11
Octave filter (B & K 1613)	11
Artificial ear (B & K 4153)	2
Artificial Mastoid ( B & K 2930)	7
Condenser microphone ( B & K 4134)	2
Adaptor DB 0962	6
Preamplifier ( B & K 2619)	2
Pistonphone ( B & K 4220)	2
Overhead project with accessories	7
Vacuum cleaner with accessories	1

G. RESEARCH

Projects:

Project proposals in:

- (a) Followup of hearing aid users
- (b) Manpower development
- (c) Creation of awareness and community development were written and submitted.

Papers published:

- i. Dr.S. Nikam - A status report on 'Instrumentation in Speech and Hearing' has been submitted to the Journal of Acoustical Society of India for Publication.
- ii. Dr. Dayalan Samuel - A paper entitled "Speech Pathology and Audiology in India" was published in Human Communication, Canada, Vol.8, P. 249-253.
- iii. E.P. Balakrishnan - an article on "Aging and Hearing Loss" was published in the weekend edition of "Mathrubhumi" (a Malayalam Magazine).
- iv. Joan D'Mello - An article entitled 'Canal Aids' awaiting publication.

H. ACTIVITIES - WORKSHOPS/SEMINARS/CONFERENCES

- 1. Dr. S. Nikam - participated in the FWR Workshop on Training and Orientation needs for prevention, Early detection and Intervention for Mental Retardation" in Feb. 1985

2. Dr. S.Nikam - Presented a paper at the All India Conference on Recent Trends in the Rehabilitation of Rural and Urban Disabled at NASEOH, Bombay in 1985.
3. Dr.S. Nikam attended the workshop on "Technology for disabled in India" in March 1985 at IIT, New Delhi.
4. Dr. S. Nikam participated in the course on "Domestic Appliances" conducted by ASI- Mysore chapter.
5. Dr. S. Nikam took part in Workshops at the Ali Yavar Jung National Institute for the Hearing Handicapped, Bombay.
  - a) 'Starting Diploma Course in Management of Communication Disorders' (was the Chairperson) and
  - b) Refresher programme for ENT, Speech and Hearing and other allied professionals.
6. Dr. M.N.Vyasamurthy attended the XVII ISHA Conference at Bombay and presented a paper entitled "Masking Level Difference (MLD) and III peak of auditory brain stem response (ABR)". This paper was adjudged the best paper.
7. Dr. M.N. Vyassamurthy Co-authored a paper entitled "Some of the research contribution in the field of Audiology in India" with Dr.Vijay A.Shah who presented it at the 'International Conference on Audiology".
8. Dr M.N.Vyasamurthy presented a paper on "Recent developments in Clinical Audiology" at the National Workshop on Rehabilitation of ENT handicapped" held at Allahabad.
9. Dr. M.N.Vyasamurthy presented a paper 'Loudness and efferent auditory system' at the ICMR Symposium arranged by ISHA during XVII Annual Conference of ISHA.
10. Mr. J.Dayalan Samuel - attended the XVII ISHA Conference held at Bombay in January 1985 and was the co-author for the paper "Masking Level Difference (MLD) and III Peak of Auditory Brain-stem response (ABR)".



11. Mr. J. Dayalan Samuel attended workshop on 'Three months course in Speech and Hearing for multipurpose workers' at Ali Yavar Jung National Institute for the Hearing Handicapped, Bombay.
12. Mr. E.P. Balakrishna, presented a paper entitled "Standardization of reliable method of finding bone conduction threshold at low frequencies" at the XVII ISHA conference.
13. Ms. Geetha Mukundan, Ms. Sowmya Mala, Ms. Joan D'Mello and Mr. G. Nagaraj delivered lectures on "Amplification devices for the hearing impaired" and "What a hearing aid user should know" at the workshop for the parents of the hard of hearing held at the All India Institute of Speech and Hearing, in October 1984, 10-13th. and
14. Others:
  - (a) Lecture-cum-demonstration on "Audiometer Calibration" (as per IS 1098-1979) and Noise measurement and analysis in-doors and out-doors" were given by Dr. A.F. Chhapgar, NPL, New Delhi on 13th and 14th August, 1984. The operation of Nicolet Compact IV was demonstrated.
  - (b) Technical Directory of audiometers and impedance meters was updated and copies made.
  - (c) A programme on 'Noise pollution' was recorded and broadcasted twice over the AIR, Mysore.

#### I. COLLABORATIVE WORK

In an endeavour to achieve our objectives we have collaborated with various institutions and agencies.

##### 1. Ministry of Social Welfare:

As in the past, we have assisted the Ministry of Social Welfare in the program on distribution of hearing aids under the Aids and Appliances Scheme.

2. Family Planning Association of India

Discussions were held with the President and Secretary of the FPAI regarding our involvement with their organisation in taking up Speech and Hearing programs in the rural areas.

✓ 3. FWMR:

The UNICEF has allotted grants to FWMR for training the mentally retarded. We have served on the Committees for "training of professionals" and for "Identification of mental retardation".

4. ISI

Several documents pertaining to hearing aids were reviewed and finalised. They include:

- a) Occluded Ear Simulator for the measurement of earphones coupled on the ear by ear inserts.
- b) Provisional reference coupler for the calibration of earphone used in audiometry.
- c) Reference coupler for the measurement of hearing aids using earphones coupled to the ear by means of ear inserts.
- d) Hearing aids: Part-II symbols and other markings in hearing aids and related equipment.
- e) Methods of measurement of electroacoustical characteristics of hearing aids: Part II, additional measurements for hearing aids with induction pick up coil input.

5. NPL:

Collaborative work for writing up specifications for an artificial larynx was undertaken.

6. CEERI:

A proposal on "Speaker identification Task" was prepared. The same is underway.

7. Nehru Science Centre, Bombay

Discussions were held with the Project Director regarding exhibits of speech and hearing that may be designed for the department.



8. CIIIL, Mysore

Assistance was sought from CIIIL in the translation of materials prepared in the Department. Statistical consultations were also made use of.

9. Post-graduate department of Psychology, University of Mysore

Discussions were held with Dr. Krishnamurthy, HOD of Psychology regarding various project proposals submitted to funding agencies and projects taken up by research fellows.

10. ASI, Mysore Chapter:

Projects undertaken by the local chapter include:

- i. Training NCC cadets in trouble shooting hearing aids
- ii. A follow-up program for hearing aid users.
- iii. A course on maintenance and repair of domestic appliances.

11. South West School District:

The South West School District sought the assistance of the Department in training teachers in the identification of children with hearing loss and in handling hard of hearing children in the classroom. As a first step a film on "Ear and Hearing" was screened and a cassette on noise pollution was played on February 2, 1985.

Meetings:

The staff members of the Department also served on various technical and selection committees (name in parenthesis).

1. Dr. S. Nikam attended Technical Committee for rate contract for hearing aids and main committee meetings - 25th to 28th February 1985. 2nd and 23rd March 1985.
2. Dr. S. Nikam attended the ISI Meeting of panel on hearing aids and audiometer and the Acoustical Sectional Committee on August 6th and 7th at New Delhi. She served as a member of both and was appointed as convener of panel on hearing aids and audiometers.

3. Dr.S.Nikam was invited to participate in the symposium on blue print at the Ali Yavar Jung National Institute for the Hearing Handicapped, Bombay held on 28.4.1985.
4. Dr.S.Nikam served on the selection committee at the Ali Yavar Jung National Institute for the Hearing Handicapped on 18.12.85.
5. Dr.S.Nikam was on the selection committee of National Institute for the Mentally Handicapped, Secunderabad.

Consultancy:

Consultancy services were provided to the following institution/ professionals:

1. Technical Directory of earmold laboratory material/equipment to UNICEF, Nepal and other specialists at Nagpur, Bihar, Pondicherry, Chandigarh and Bangalore.
2. Information regarding the "Construction of Audiometric Rooms" and "Sound Treated Rooms" and other technical advice were given to various organisations.
3. Comments were sent on the equipment for purchase proposed by the Ali Yavar Jung National Institute for the Hearing Handicapped, Bombay. Dr.S.Nikam is a member on their technical committee.
4. Comments were sent to the Director General of Health Services, New Delhi on "Development of eligibility criteria for receiving benefits for handicap.

J. WORK CONTEMPLATED FOR THE COMING YEARS

It has been proposed to start 4 units:-

1. Physical and Electrophysiological test unit
2. Sensory aids assessment unit.
3. Prosthetic aids - Research and Development unit
4. Maintenance, calibration and fabrication unit.



These units would be set up and the projects proposed would be initiated in 1985-86.

Attempts will also be made to design and fabricate toys/simple devices that may be used by hard of hearing children in improving their speech and language skills. Development of public education material would be given priority.

A. General Objectives

Apart from the objectives of the Institute, the aims and objectives of the Department of Clinical Psychology continued to be:

1. Advising other agencies, voluntary organisations, Universities, Institutions, etc., in the field of Clinical Psychological services.
2. Rendering public education through Radio talks, publications in the popular magazines, pamphlets, video, movies, etc.

B. Organization of the Department

The Department has the following functional units:

1. Training, 2. Clinical, and 3. Administration.

C. Accommodation

Existing

Staff, Laboratory & Therapy Rooms 2932 Sft.

Need

Neuropsychology Laboratory 2000 Sft.

D. Equipment

Existing

1. Relaxometer
2. Voicelite
3. Electro Myograph
4. Auto Kinetic Apparatus
5. Somlec-4-Electro-sleep apparatus
6. Token Economy Materials
7. Tests for intelligence
8. Aptitude tests
9. Projective Tests
10. Personality Test Materials
11. Test for Attention, Memory and Perception
12. Teaching Aid materials.

New Acquisition

1. Duplex Bug in the Ear System
2. Discroll play kit
3. Test for aphasia

Need for the future

1. E.E.G - 8 Channel
2. Aleph-Monitor - 7.



#### E. Case Load Facilities

The Department has facilities for testing cases in routine psycho-diagnosis and also for special diagnostic tests for cases with organic brain involvement.

#### F. Statistics

1. Total No. of cases seen	2831
2. No. of new cases evaluated & counselled	2567
3. No. of cases seen for certification (Mental Retardation)	726
4. No. of cases given certificates	248
5. No. of cases successfully treated	78
6. No. of camps participated	26

Besides, individual as well as group therapy was given to a number of cases.

#### G. Research

##### Projects:

1. A Research Project with the title "Treatment of Mentally Retarded children with Ayurvedic Medicines and Behavioural Modification Procedures" has been submitted to DGHS for financial sanction.

2. Two Research Proposals on (1) Control of the Mind and Body - A wholistic Integrative Approach, and (2) Evolving a technology for identification and Vocational Training of Deaf/Hard of Hearing and Mentally Retarded adolescents to attain self sufficiency have been submitted to WHO for funding.

3. Smt. Nagalambika, completed the Research Project with the title "Extraversion and Intraversion and Neuroticism as related to Stutterers".

4. Mr. P. Vidyasagar, has sent an article titled "Behavioural Methods in the Treatment of Stuttering" in ISHA.

5. Dr. J.Bharath Raj has almost completed data collection on his Research Project on Developing and Standardising a Comprehensive Personality Test with the Title "PERSON SCAN". This is likely to be completed within six months.

6. Miss. A.D.Bhavani continued her Ph.D. thesis on "Application of Behaviour Modification Procedures in Training Mentally Retarded" under the guidance of Dr. J. Bharath Raj.

7. Mr. P Kalaiah, has prepared a synopsis for Ph.D., thesis on the Research Project entitled "An Investigation into some of the Personality Correlates of Stuttering and to delineate appropriate methods of treatment for stutterers".

8. Mr. Harpreet Singh, appointed as Jr. Research Fellow, has undertaken a project in the area of Stuttering, and the formalities are to be still finalised.

#### H. Activities: Conferences/Workshop

1. Dr. J.Bharath Raj, Head of the Department, presented a paper on "Improving intellectual functions of pre-school children using BM procedures" at National Institute of Public Co-operation and Child Development, New Delhi. He has also chaired a session on Pre-school Education of Children.

2. Miss A.D. Bhavani, presented a paper on "Behaviour Modification of a Mentally Retarded Male" (A 6½ years study) at VII World Congress of IASSMD held at New Delhi on 25th March 1985.

3. Mr. Anthony Thomas, presented a paper on "Locus of Control and some other personality variables" at the National Seminar of Locus of Control at the University of Calicut on 9th October 1984. He also presented a paper on "Contageous Obsessive, Compulsive Neurosis in the spouse of an obsessive client" at IACP Conference held at Dehradun in December 1984. He has published in collaboration with Dr.K.Sathya-vathi "An attribution approach to locus of control, self esteem and alienation" - A Clinical Study in Psychological Studies Vol.29, 1984.

4. Mr. P. Vidyasagar, presented a paper on "Sensory Motor Training for Severely Mentally Retarded - A Behavioural Approach at VII World Congress of IASSMD, New Delhi, on 27th March 1985.



5. Dr. J. Bharath Raj, attended as Resource person at the First National Conference on Hypnosis and Psychosomatic Disorders by presenting a Video demonstration on progressive muscular relaxation. He also presented a theoretical paper of progressive muscular relaxation and its relation to psychosomatic disorders.

6. Mr. P Kalaiah, attended a NSS Workshop Officers Conference-cum-Workshop at Aloka, Yelwal in September 1984.

7. Ms. A.D. Bhavani and Mr. P Vidyasagar attended the Workshop on the care of Mentally Retarded for the Parents, Teachers and professional workers organised by Karnataka Parents Association for Mentally Retarded, Bangalore.

8. Mr. G Jayaram, underwent an intensive training in the practice of Behaviour Therapy under Dr. Ratan Singh, Varanasi. He was sponsored by the National Academy of Medical Sciences, New Delhi for three months.

9. Mr. T. Keshava Murthy, Senior Steno/P.A. attended the Personal Secretary's course at Madras at the Institute of Technology and Management Systems, in December 1984.

#### I. Collaborative work

The Department of Clinical Psychology arranged a Guest Lecture and Demonstration by Dr. S Ramaswamy, Hypnotherapist and Retired Professor of Anatomy, St. John's Medical College, Bangalore on Hypnosis - Psychosomatic Medicines, Anatomy of Vertigo and Tinnitus and Demonstration of Hypnotherapy.

As per the nomination done by the Chairman of Ministry of Social Welfare and Women's Welfare, Dr. J. Bharath Raj has been invited to participate as Resource Person to present substance on two topics namely, (1) Standardisation of assessment methods and (2) Screening of Pre-school children for developmental delays, as a part of perspective planning of National Institute for Mentally Handicapped in the coming 10 to 15 years.

DEPARTMENT OF OTOLARYNGOLOGY

A. General Objectives

1. Training: Apart from graduate and post-graduate training;

- a) to participate in the activities of the service organizations by giving lectures with special reference to hearing and speech problems.

2. Clinical

to provide Diagnostic, Surgical, Medical and Rehabilitative services.

3. Public Education

Public awareness through Audio-visual media and literature.

4. Research

to undertake research in the field of E.N.T.

B. Organisation of the Department

The Department has the following Units:

- a) Training
- b) Diagnostic
- c) Clinical
- d) Surgical

C. Accommodation

(i) Existing

Office, staff and clinical units: 768 Sft.

To expand the existing ENT facilities, we need following areas:

(ii) Need

Staff: 1. Seminar, Office & Staff rooms 1150 Sft.

Functional:

- (a) Diagnostic units 720 Sft.
- (b) Temporal Bone Dissection Lab. Clinic 240 Sft.
- (c) Special Investigation chamber  
Electro Cochleography unit 240 Sft.
- (d) Post operation observation room  
Sterilisation  
Aseptic room 640 Sft.



(e) X-Ray unit	
Pathology & Microbiology unit	
Biochemical unit	
Laboratory	760 Sft.
(f) Store room, Nurses room	360 Sft.
(g) Wards - Male, Female	1200 Sft.
(h) Toilets corridor	2100 Sft.
Total area needed	- 7410 Sft.

D. Equipment

Existing:

1. Micro-otological instruments:

- (a) Operating microscope with camera and teaching attachments (Karl-Zeiss) - 1
- (b) Operating microscope (Andhra Surgical) - 1

2. Diagnostic instruments:

- (a) Cold light fountain, otoscopes, Hopkin's lateral telescope with fiber optic examination sheath with A.F. Device - 2
- (b) Wittnoser Articulated optical arm with Hopkin's lens - 1

3. Micro-laryngeal instruments

4. Bronchoscope (Esophagoscopy) - 1

5. Cryo-surgical unit

6. Electronystagmography instruments

7. Hopkin's forward-oblique telescope with forceps and suction tips - 1

8. Pharyngo-laryngoscope - 1

9. Bronchoscope tube (different sizes) - 3

10. Cold light fountain-standard - 1

11. Miniature Head Light - 1

Need:

- 1. Tele-otoscope with Hopkin's straight forward telescope
- 2. Mirror Reflex Camera with full accessories.
- 3. Operating Microscope standard with camera and teaching attachments.
- 4. Microtome 144 Electric bulb with full accessories.
- 5. Micro oscillating saw for use in mastoidectomy and otoplasty operations.

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E. Case load-facilities

Fully equipped Diagnostic facilities both at AIISH and at K.R.Hospital are available. Surgical facilities are available at K.R.Hospital on only two days in a week.

F. Statistics

Cases seen at	<u>AIISH</u>	<u>K.R.HOSPITAL</u>
(i) Old cases	7449	5882
(ii) New cases	6172	6006
Total	13621	13888
Operations done:		
(i) Major		196
(ii) Minor		123
Total		319
Micro-clearance done		559
Cryo application done		18
<u>Type of operations</u>		
Stapedectomy		9
Stapes mobilisation		1
Myringotomy + Gromette		15
Micro Laryngeal Surgery		2
Tympanoplasty		17
Micro Mastoidectomy		8
Tongue Tie release		15
Cryo application		6
Camps attended		13
Cases seen in camps		3332

G. Activities: Workshops/Seminars/Conferences

1. Dr. M.V.Susheela and Dr. K.Rethna Sabhapathy attended the SIV Karnataka State E.N.T. Conference at Bangalore during September 1984. Dr. Susheela presented a paper on 'Bilateral Fatal Pneumothorax and Tracheostomy' - a Case Report.

2. Dr. M.V.Susheela attended the ISHA Conference at Bombay during January 1985 and presented a paper on "Long Term Results of Stapedectomy with special Reference to Puretone Audiometry".



3. Dr. M.V.Susheela read a paper on "Medical Aspects of the Hard of Hearing" at the Workshop for Parents of Hard of Hearing children held in the month of October 1984.

4. Dr. M.V.Susheela delivered a talk on "Sravanendriyagalu" at Karnataka State Vignana Parishath.

H. Work contemplated for the coming year

For setting up Laboratory unit needs creation of a Post of Lab. Technician.

1. Surgical facilities to be provided at the Institute with provision for Local Anesthesia and General Anesthesia.

2. To set up a Temporal Bone Lab. to get experience in micro-surgery of Temporal Bone.

3. A laboratory for simple investigations like Blood, urine, etc.

4. To take up research in the following areas:

- (i) Chronic Suppurative Otitis Media clinic with special reference to the Bacterial study.
  - (ii) CSOM clinic with special reference to pathological study about Mucosal pattern.
  - (iii) Role of Homeopathic treatment in Eustachian tube dysfunction.
  - (iv) Ayurvedic treatment vs. Allopathic treatment in Secretory Otitis Media.
5. To conduct Workshops on:
- (i) Proforma in ENT field
  - (ii) Tinnitus

## ELECTRONICS

### A. Objectives

1. Teaching
2. Technical Services:
  - a) Installation, maintenance, servicing and calibration of electronic/electrical instruments;
  - b) Maintenance of electrical installation in the campus.
3. Research and Development work in Electronics in relation to speech and hearing.
4. Technical advise and assistance to external organisations.

### B. Organisation of the Department

The staff were assigned specific responsibilities in the following units of the Department:

1. Teaching
2. Administration
3. Research & Development
4. Servicing
5. Consultation services

### C. Accommodation

Existing: 1,000 Sft. for staff and Lab.

Need: 1,000 Sft.

### D. Equipment

#### Existing:

1. Cathode Ray Oscilloscope
2. Simpson Cathode Ray Oscilloscope
3. Curve Tracers
4. Dual Beam Attachment to CR.O.
5. Audio Frequency Analyzer
6. Sound Level Meter
7. Octave Filter Set
8. Piston Phone
9. Artificial Ear
10. Artificial Mastoid.



11. Condenser Microphones
12. Measuring Amplifier
13. Pre Amplifier
14. Motion Analyzer
15. Vibration Pick up
16. Hearing Aid Test Box
17. Octave Band Analyzer

Acquired during the year

1. Voltage Stabilizer
2. Microprocessor Lab.
3. Discrete component trainer
4. Discrete IC Trainer

E. Case Load Facilities

The Department has facilities for servicing of hearing aids of cases.

F. Statistics

Service of Equipment: Major & Minor	234
Servicing of hearing aids of cases	556
Electrical repair and works	276
Testing of New hearing aids received by the Institute	584
Film Projection and public address system arranged for various Conferences/Seminars/Classes	24
Arrangements made for speech and hearing camps testing and calibration of equipments	14
External services	2
No. of New Equipments certified	59
Miscellaneous (small works/minor repairs)	192

G. Research Projects

The following research projects have been taken up in the Department:

1. Analysis of signals generated by toys used for screening and training of hard of hearing children.
2. Narrow band active filter set has been developed and fabricated for research purpose.
3. A mini infant audiometer has been developed for testing children.

4. Research work under progress: Reverse reading tape recorder for speech analysis is in progress and help us for want of components.

H. Activities: Workshop/Conference/Seminars

Mr. S S Murthy and Ms. B R Chudamani participated in the Workshop for Parents of the Hard of Hearing Children conducted by the All India Institute of Speech and Hearing in October 1984 and presented a paper on "Basic Maintenance and care of Hearing Aids."

I. Work contemplated for the coming years

1. It is proposed to have a centralised T.V. Studio for recordings of cases and also for provision of T.V. films associated with testing and rehabilitation for the students and public.

2. It is proposed to conduct Workshop on hearing aids in the month of December for 25 candidates to be selected across the country. The candidates will be trained in all responsibilities with reference to hearing aids including hearing aid trial and service.

3. Short term course in servicing and calibration of speech and hearing equipment.

4. It is proposed to conduct a Workshop to a small group of Engineers selected across the country for training in calibration and servicing of Speech and Hearing equipments.

5. Establishment of computer service.

6. Trial experiments for low cost Induction Loop System to be used at the hard of hearing patients' residence.



DISTRICT REHABILITATION CENTRE

A. General Objectives

1. To create public awareness on prevention, identification and rehabilitation of various disabilities.

2. To establish a system of early intervention and referral by using existing community workers.

3. To provide physical rehabilitation facilities which will include services for fitting of aids and appliances and provision of therapy.

4. To promote access to and to integrate disabled children in the existing educational and child care programme/schools.

5. To provide vocational training, counselling and also to assist in vocational placement of disabled persons.

6. To establish a system of family and community based management of disabled children through appropriate training backed by the specialized services of the rehabilitation centre.

7. To disseminate information and create awareness at various levels of staff in health and other social development programmes on the prevention aspects of disability and the role of existing systems, families and the community in prevention, early detection and intervention of disabilities.

8. To provide education and training facilities to improve the employment prospect of the disabled population.

9. To identify and rehabilitate the following populations:

- a) Speech and Language Handicapped
- b) Hearing Handicapped
- c) Visually Handicapped
- d) Orthopaedically Handicapped
- e) Patients suffering from Leprosy.

10. To study the prenatal, natal and post-natal conditions of different handicapping conditions and to establish a system by which these conditions can be avoided.

11. To strengthen the on-going immunization programme.

12. To educate the community regarding better nutrition.

13. To educate the mothers on better and effective breast feeding methods.

14. To establish a system of early identification of C.S.O.M. in children and treatment of adults suffering from C.S.O.M.

#### B. ACCOMMODATION

At present the District Rehabilitation Centre is housed in a room with an area of 370 Sq. ft. at the All India Institute of Speech and Hearing Building.

#### C. EQUIPMENT

##### Existing

- 1) ENT Equipments
- 2) Audiology Equipments
- 3) Ear Mould Equipment

#### D. STATISTICS

Number of camps conducted  
(at Bannur, Talkad & Moogur)

....

3

Number of cases seen

....

862



E. ACTIVITIES

Disability survey (door to door) has been taken up, beginning with villages in T. Narasipur Taluk. So far 4 villages, with a total number of 1063 houses and a population of 6302, have been covered.

F. WORK CONTEMPLATED FOR THE COMING YEARS:

- i. Survey: Survey work to be continued in T. Narasipur Taluk and later at H.D. Kote Taluk.
- ii. Identification of disabilities with the help of specialists in Orthopaedics, Ophthalmology, Otolaryngology, Clinical Psychology, Leprosy and Speech and Hearing and follow-up.
- iii. Three Workshops on:-
  - a) Immunization
  - b) Preparation of syllabus for training the Multi-purpose Rehabilitation Assistants.
  - c) Prevention and early identification of disabilities.

## CAMP UNIT

Speech and Hearing camps conducted by the All India Institute of Speech and Hearing are very popular among public. Organisations like W.H.O and UNICEF have appreciated these camps. Camp team usually consists of 15 to 20 members.

### A. Staff

No staff is specifically employed for camp purposes. Usually one staff member from each department attends along with a batch of students. Mr. P.J. Kumar, Lecturer in Speech Sciences was officiating as camp co-ordinator till 6-11-1984. From 7-11-1984 Mr. Ravi Shankara Shukla, Lecturer in Speech Pathology, has been working as camp co-ordinator.

### B. Objectives

Objectives of Speech and Hearing camps are:

1. Public Education
2. Clinical Service and guidance for those who cannot come to AIISH for various reasons like,
  - distance
  - finance
  - unawareness
3. Training for students

### C. Equipments

At present the camp unit has the following equipments:

- |                   |   |                  |   |   |
|-------------------|---|------------------|---|---|
| 4 Audiometers     | - | Elkon            | - | 2 |
|                   |   | Arphi            | - | 2 |
| 2. Tape Recorders | - | Philips portable |   |   |
| 8 Hearing Aids    |   |                  |   |   |
| 1 Generator       |   |                  |   |   |



D. Sponsors

Most of the times our camps are sponsored by Lions Clubs and Rotary Clubs. Some times even Leos, Inner-wheels, Jaycees, N.S.S. and individual hospitals also have come forward to sponsor such camps.

E. Statistics

The table gives the details of the camps conducted during the academic year 1984-85.

Sl.No.	Place of camp	Date of camp	No. of cases seen
1.	Arakonam	May 26th and 27th	1200
2.	K.R. Nagar	June 24th	209
3.	Kollegal	June 25th	205
4.	Coimbatore	Aug 11th and 12th	576
5.	Chidambaram	Aug 14th & 15th	484
6.	Hosadurga	Sept 9th	208
7.	Somwarpet	Sept 18th	430
8.	Yelandur	Sept 19th	140
9.	Hunsur	Sept 30th	195
10.	Periyapatna	Oct 2nd	119
11.	Shimoga	Oct 13th & 14th	356
12.	Huliyur	Oct 15th	215
13.	Challekere	Oct 16th	184
14.	Molakalmooru	Oct 17th	163
15.	Chitradurga	Oct 18th	287
16.	Bettada Beedu	Jan 3rd	50
17.	Halagur	Aug 26th	315
18.	Kushalnagar	Nov 10th	178
19.	Siddapura	Nov 11th	178
20.	Suntikoppa	Nov 12th	380
21.	Konanoor	Nov 13th	263
22.	Quilon	Jan 28th & 29th	746
23.	Polibetta	Jan 19th	76
24.	Channapatna	Jan 15th	292
25.	Somwarpet	Feb 15th	176
26.	H.D. Kote	Jul 26th	157

F. Future needs

- (a) Personnel - Vigorous follow-up action may be initiated in future after each camp. Suitable personnel may be employed exclusively for camp purposes who can also analyse camp results to facilitate research.
- (b) Equipments - Objects automatic, mass screening tests may be employed in future because the time available for testing in camps is limited. For this purpose, equipment like Impedance, BSERA and mass screeners may be acquired.
- (c) Transportation - A separate Omni Bus which is equipped with sound treated van for hearing testing may be acquired for camp purposes. This apart from facilitating transportation of camp team, further ensures safety of instruments.



LIBRARYA. General Objectives

The main objective of the Library is to provide literature and other materials to the staff and students of the Institute on such topics of study pursued in the Institute. Other services provided include:

1. Providing latest books and periodicals on Speech and Hearing and other allied fields.
2. Reference service.
3. Bibliography and indexing.
4. Inter Library Loan.
5. Current awareness service
6. Reprographic service.
7. Circulation service.
8. Audio-visual service (films, slides and tapes)

B. Organisation of the Library

The Library consists of the following sections:

- (a) General Administration;
- (b) Reference and Bibliography;
- (c) Technical;
- (d) Lending;

C. Accommodation

At present the Library has the following accommodation:

Reading Room	-	1200 Sft (Capable of accommodating 35 students at a time)
Reading Room	-	150 Sft (Capable of accommodating 4 staff members at a time)
Stock Room	-	550 Sft (Capable of taking 10,000 volumes of books and journals)
Librarian Office & Technical section	-	350 Sft
		TOTAL SPACE = <u>2250 Sft.</u>

D. Equipment

1. Kardex
2. Lindex - Two
3. Card stencilling
4. Electric stiller

- Need -
1. Plain paper copier
  2. Laminating Machine
  3. Microfilm reader

E. Statistics

1. No. of volumes at the end of the year - 8175
2. No. of new books added during the year - 389
3. No. of Journals subscribed - 88
4. No. of journals exchanged - 6
5. No. of books/journals/issued/consulted - 27208

F. Research Projects

Subject bibliography on the following subjects has been taken up.

- Aphasia
- Mental Retardation
- Otorhinolaryngology
- Speech and Language Disorders
- Stuttering
- Voice and Voice Disorders

G. Activities

Mr. Mahadeva attended the "National Seminar on Health Information for all by the year 1990" organised by the Medical Library Association of India at Jaipur from 16th to 18th February 1985.



H. Work contemplated for the coming year

It is proposed to bring out subject bibliography on all the important topics in our field to update the ones already made.

To provide catalogue in the form of cards to each department on the books available in our library in their particular field.

ENGINEERING SECTIONA. General Objectives

The Engineering Section is responsible for construction, maintenance and upkeep of the buildings of the Institute.

B. Accommodation

Existing: The Engineering Section is housed in an area of 525 Sft.

Staff	-	375 Sft.
Godown	-	150 Sft.

<u>Need:</u>	(i) Space for tradesman (like Carpenters)	-	200 Sft.
	(ii) Storage space	-	<u>300 Sft.</u>
	Total		<u>500 Sft</u>

C. Equipment

Existing: Dumpy Level  
Levelling Staff  
Measuring Tapes

D. Activities:1. Construction of Type 'D' Staff Quarters IV Phase - 2 Nos.

The construction of two quarters taken up during August 1984 at an estimated cost of Rs. 3,90,000/- has been completed on 20-3-1985 in all respects and also allotted to the officials of the Institute.

2. Staff Quarters Type 'D' III Phase - 2 Nos.

The construction of two quarters taken up during 1983 at an estimated cost of Rs. 3,89,800/- is expected to be completed by the end of May 1985.



### 3. Dharmashala (Patient's Block)

The construction of work taken up during November 1983 has been completed (Civil Portion) on 30th December 1984. External water supply and servicing of electricity will be completed by the end of May 1985. (This work was taken up under the grant-in-aid of Rs. 2,00,000/- from Government of Karnataka at an estimated cost of Rs. 3,00,000/-

### 4. Generator Room for housing 6 KVA Diesel Generator

The construction work at an estimated cost of Rs. 37,500/- was taken up during April 1984 was completed in August 1984 and installation of generator has been done. Only servicing is to be given by Electricity Board.

### 5. Cement Godown

The construction of cement godown at an estimated cost of Rs. 9,950/- was taken during June 1984 and completed on 31-7-1984.

### E. Work contemplated for the coming years

The following major buildings are proposed to be constructed during the VII Five Year Plan:

1. Construction of Speech Block
2. Construction of ENT Block
3. Technical & General Stores
4. Auditorium
5. Guest House
6. Dispensary
7. More quarters for the staff
8. Improved water supply scheme by constructing over head tank
9. Providing more accommodation in the hostels
10. Constructing more class rooms
11. Putting up first floor for the Clinical Block



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PUBLICITY AND INFORMATIONA. General Objectives

The objectives are:

1. To Educate the public on Speech and Hearing problems.
2. Dissemination of information: Printing and Publication of Public Education Pamphlets and Professional Publications like Journals, Proceedings of Workshops etc.,
3. Providing placement and employment guidance to the Speech and Hearing Graduates.
4. Look after the photo/press coverage of the activities of the Institute, visit of VIPs and,
5. To attend to the general correspondence on information enquiries.

B. Organisation of the unit

The Publicity and Information unit has the following units:

1. Public Education Camps and Exhibitions;
2. Publications - (i) Laymen (ii) Professional
3. Press coverage;
4. Artist-cum-photographer
5. Placement and Employment Guidance;
6. Travel and Accommodation;
7. Public Relations;
8. Museums and Movies;
9. Guest House

C. Accommodation

Existing: The Publicity and Information Unit is housed at present in an area of 450 Square Feet occupied mainly by the staff of the unit.

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7. Public Relations;
8. Museums and Movies;
9. Guest House

C. Accommodation

Existing: The Publicity and Information Unit is housed at present in an area of 450 Square Feet occupied mainly by the staff of the unit.

- (i) PIO's Room - 300 Sft.
- (ii) Artist-cum-Photographer's Room - 150 Sft.

Need: The unit needs an additional area of 900 Sft. The requirement is mainly for housing the audio-visual cell which consists of (i) A Dark Room - 300 Sft. (ii) Studio-cum-enlargement section - 300 Sft and (iii) Room for Artist-cum-Photographer - 300 Sft.

#### D. Equipment

1. Leica Flex R4, 35mm Photographic Camera, with other attachable lenses, Electronic Flash Unit and the Camera Stand;
2. Enlarger - B-2 and 35 mm attached lenses with colour head and timer plus voltage stabilizer (automatic) and Kango lens 35 mm - One Unit
3. Dark Room material and equipment;
4. Screen printing material;
5. Exhibition and Museum Material;
6. Rolli-Flex or Rolli Cord - 120 Camera;
7. Technical Camera with lenses, stand and slides (Lenhalf Technica Camera);
8. A.E Films Strip/Slide Contact Printer and Projector;

#### E. Activities

1. As a public education activity, 26 Speech and Hearing Camps were conducted in different parts of the States of Karnataka and Tamilnadu. A total of 8584 cases were examined and advised in these camps;
2. "World Health Day" was observed at Bal Bhavan on 7th April where 110 children were examined and in the evening educational films were screened for the general public.
3. The Institute anniversary was celebrated on August 9th;
4. The X Volume of AIISH Journal was released

F. Work for the coming year - It is proposed to establish an Audio-visual cell in the Publicity and Information Unit during 1985-86 with all the required material to cater to the day to day needs of the unit.



OFFICIAL LANGUAGE IMPLIMENTATION

In pursuance of the orders issued under the official language Act 1963, Hindi is being used as the official language of the Institute. Staff of the Institute are being trained for various Hindi Examinations conducted under Hindi Teaching Scheme. During the year 1984, as many as 33 members of the staff were sponsored for examination. Efforts for learning Hindi Typewriting through Devanagari Typewriter already procured are continued.

One Hindi Translator working at the Institute is attending to the work connected with the use of Hindi. Letters received in Hindi are being replied to in Hindi only.

The official language implementation Committee formed for the year 1983-84 with the following continued to work till November 1984.

Dr. N. Rathna	Chairman
Sri S. Shankar	Member Secretary & Liason Officer
Smt HP. Umasaraswathi	Member
Dr. G.R. Varadaraja Gupta	Member
Representative of HTS	

The new official language committee was formed w.e.f. 7-11-84 with the following:

Dr. S. Nikam	Chairman & Liason Officer
Smt HP. Umasaraswathi	Member Secretary
Representative of HTS	Member

The meetings of Official Language Committee were conducted as noted below, and the proceedings were sent to the concerned.

I meeting	16-3-1984
II meeting	14-9-1984
III meeting	22-12-1984

The meeting for the quarter ending June 1984 could not be held as the Hindi Translator was on long leave.

The question of creation of minimum No. of Hindi posts has been taken up with the OLTIC.

Following is the statement indicating the number of employees sponsored for various examinations and number passed:

Year	Examination	No.sponsored	No.Passed
May 1984	Prabodh	16	5
	Praveen	4	1
	Pragya	6	4
Nov 1984	Prabodh	5	Nil
	Praveen	Nil	Nil
	Pragya	2	1



PATIENT'S WELFARE FUND

A fund by name Patient's Welfare Fund has been established in this office. Contributions to the fund are received in the form of donations to patients Welfare Fund boxes placed in various Centres/Departments.

During the year 1984-85, a total sum of Rs. 2,268.75 was collected by way of Donations/Box collections, out of which a sum of Rs. 1,787.70 was paid to about 39 needy patients to meet certain expenses like cost of transport, replacement cost of cords etc., This way it has benefitted poor patients to a large extent.

HORTICULTURAL UNITA. General Objectives

The objectives of the unit are to:

1. Grow, develop and maintain gardens, lawns and plant nursery at the Institute.
2. Keep the Institute campus and surroundings neat and tidy.

B. Area under 'Gardens'

- |                            |   |          |
|----------------------------|---|----------|
| 1. Ornamental Garden       | - | 5 acres  |
| 2. Fruit Nursery           | - | 4 acres  |
| 3. Therapy-clinic gardens- |   | 4 acres  |
| 4. Other fields            | - | 10 acres |
| 5. Staff                   | - | 200 Sft. |

C. Activities

1. Participated every year in the Garden competition organised by the Department of Horticulture and were awarded the First Prize under the category of Institutional Gardens.
2. Has been responsible for keeping the surrounding areas of Ladies' Hostel, Gent's Hostel, Therapy Garden and Clinic Garden clean.
3. Has been maintaining Fruit Nursery like Sapota, Guava, Coconut and Cashew.
4. Has been growing vegetable crops like tomato, brinjal, Ladies' Finger, Beans, Radish etc.,
5. Has been maintaining Rose Garden.

D. Work contemplated for the coming year

- (a) Maintenance of ornamental garden, preparation of New Lawn and Planting of Grass.
- (b) Maintenance of the new Rose Garden & Fruit Garden.
- (c) Further planting of fruit plants, coconut plants etc,
- (d) Growing of vegetables and other miscellaneous crops.
- (e) New Garden work at therapy clinic.
- (f) Propagation of Foliage Pot Plants and maintenance.



ADVISORY COMMITTEES1. Library Standing Committee

- |                                 |                  |
|---------------------------------|------------------|
| 1. Dr (Mrs) Prathibha Karanth   | Chairman         |
| 2. All the Heads of Departments | Nominees         |
| 3. Section Officer (IAC)        | Member           |
| 4. Junior Accounts Officer      | Member           |
| 5. Librarian                    | Member/Secretary |

2. Agri-Horticultural Committee

- |                               |                  |
|-------------------------------|------------------|
| 1. Dr (Miss) M.V. Susheela    | Chairman         |
| 2. Sri KM.Radhakrishna        | Member           |
| 3. Sri Anthony Thomas         | Member           |
| 4. Sri Madhu                  | Member           |
| 5. Agri-Horticultural Officer | Member-Secretary |

3. Advisory Committee for Hostels

- |  |                  |
|--|------------------|
| 1. Dr. J. Bharath Raj  | Chairman         |
| 2. Sri S.S. Murthy   | Member           |
| 3. Assistant Executive Engineer  | Member           |
| 4. Two Representatives one each<br>selected from Gents' and<br>Ladies' Hostels | Member/s         |
| 5. Warden, AIISH Hostel  | Member-Secretary |

4. Official Language Implementation Committee

- |   |                                      |
|---|--------------------------------------|
| 1. Dr (Miss) S. Nikam                           | Chairman                             |
| 2. Smt HP. Umasaraswathi                        | Member                               |
| 3. Representative from Hindi<br>Teaching Scheme | Member                               |
| 4. Administrative Officer                       | Member-Secretary &<br>Liason Officer |

Sri S. Shankar, Administrative Officer expressed his inability to accept the nomination to the above committee vide his letter dated 14-12-1984 and accordingly he was relieved w.e.f. 19-12-1984 and Dr (Miss) S. Nikam, was nominated as Liason Officer in addition to being Chairman and Smt HP. Umasaraswathi, Hindi Translator, as Member Secretary from 20-12-1984 onwards.

5. Managing Committee, Staff Welfare Fund

- |    |                           |                |
|----|---------------------------|----------------|
| 1. | Director                  | Chairman       |
| 2. | Office Superintendent     | Hon. Secretary |
| 3. | Junior Accounts Officer - | Hon. Treasurer |
| 4. | Sri S. Mallaiah -         | Member         |

6. Managing Committee, AIISH Departmental Canteen

- |    |                        |   |                |
|----|------------------------|---|----------------|
| 1. | Administrative Officer | - | Chairman       |
| 2. | Miss A.D. Bhavani      | - | Member         |
| 3. | Smt HP. Umasaraswathi  | - | Member         |
| 4. | Sri BHIM Bahadur       | - | Member         |
| 5. | Sri M. Rajappa         | - | Member         |
| 6. | Sri K. Purushothama    | - | Hon. Secretary |

7. Internal Buildings Committee

- |    |                       |   |                 |
|----|-----------------------|---|-----------------|
| 1. | Dr M. Nithya Seelan   | - | Chairman        |
| 2. | Sri K.V. Srinivas     | - | Member-Convenor |
| 3. | Dr. J. Bharath Raj    | - | Member          |
| 4. | Sri NP. Nataraja      | - | Member          |
| 5. | Dr. Prathibha Karanth | - | Member          |
| 6. | Sri S.S. Murthy       | - | Member          |
| 7. | Sri S. Shankar        | - | Member          |

8. Research Projects Committee

- |    |                         |   |                  |
|----|-------------------------|---|------------------|
| 1. | Dr M. Nithya Seelan     | - | Chairman         |
| 2. | Dr J. Bharath Raj       | - | Member           |
| 3. | Dr (Miss) S. Nikam      | - | Member           |
| 4. | Dr (Miss) M.V. Susheela | - | Member           |
| 5. | Dr. Prathibha Karanth   | - | Member           |
| 6. | Sri NP. Nataraja        | - | Member           |
| 7. | Dr. M. Jayaram          | - | Member-Secretary |
| 8. | Sri S. Shankar          | - | Member-Observer  |
| 9. | Sri G. Ramaiah          | - | Member-Observer  |

9. Training Co-ordinator

Sri. P. Kalaiah  
Reader in Clinical Psychology



10. Project Co-ordinator in respect of  
Research Projects

Dr. M. Jayaram  
Lecturer in Language and Language Disorders

11. Co-ordinator for camps

Sri M. Ravishankar Shukla  
Lecturer in Speech Pathology

The above Advisory Committees were constituted for improvement and better management of the activities of the Institute.

STAFF CLUB

The following Office Bearers were elected unopposed for the year 1984-85 at the General Body Meeting of the Staff Club held on 11th September 1984.

Mr. S.G. Gopinath	Vice-President
Dr. M. Jayaram	General Secretary
Mr. G.H. Ananda Ram	Sports Secretary
Mr. M.B. Purushothama	Cultural Secretary
Mr. R. Kannan	Reading Room Secretary

Dr. N. Rathna, the then Director of the Institute, was the President of the Staff Club upto 10th December 1984 and Dr. M. Nithya Seelan, the new Director, became President on 17th December 1984.

The new office bearers launched a program to enrol more members to the Staff Club. As a result of this, the membership rose from 21 to 104 in November 1984.

The AIISH Staff Club Ball Badminton team participated in the CFTRI open tourney and despite many odds gave a creditable performance to reach the last 4 stage.

The Staff Club conducted the VII Inter Institutional Sports Tournaments in Volley Ball, Ball Badminton, Carrom and Table Tennis from 31st December, 1984 to 15th January 1985. The tournament this year, was thrown open to all educational institutions of the State Government in addition to Central Government Institutions. The tournament was inaugurated by Dr. M. Nithya Seelan, Director, All India Institute of Speech and Hearing, Mysore, and 16 teams participated in these intensely competitive tournaments. In a colourful function, prizes were distributed to all winners by Dr. D. Sathyanarayana, Mayor of the city of Mysore who was the chief guest. A Souvenir was also released by him on the occasion.



Some of the achievements of the staff club in the year 1984-85 were:

1. Getting a separate room for the staff club and centralising its activities there;
2. Increasing the membership from 21 to 104;
3. Subscribing to more magazines every month; and,
4. Adding new sports equipment for the Staff Club;

STATISTICSA. Clinic - Cases seen during the year 1984-1985

New cases	7297*
Daily average	26
Therapy cases	12438*
Daily average	44
Repeat cases	10988*
Daily average	39
Total No. of cases	<u>30723*</u>

Age-wise Distribution of New Cases

<u>Age Groups</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
0 - 5	623	439	1062
5 - 10	646	444	1090
10 - 15	911	618	1529
20 & above	2353	1263	3616
Total	<u>4533</u>	<u>2764</u>	<u>7297</u>

Statement showing the new cases seen at the  
Institute - Statewise and Overseas  
(Excluding cases seen at the K.R. Hospital & Camp:

<u>Sl.No.</u>	<u>States</u>	<u>No.of cases</u>
1	Karnataka	6841
2.	Kerala	148
3.	Tamilnadu	131
4.	Andhra Pradesh	120
5.	Four Territories	9
6.	Assam	1
7.	Gujrat	-
8.	West Bengal	7
9.	Uttar Pradesh	13
10.	Maharashtra	11
11.	Orissa	3
12	Madhya Pradesh	8
13.	Rajasthan	-
14.	Bihar	1
15.	Punjab	2
16.	Haryana	1
17.	Jammu & Kashmir	-
18.	Overseas & Middle East	1
Total		<u>7297</u>



Number of cases under different categories of  
Speech and Hearing Problems

<u>Diagnosis</u>	<u>No. of cases</u>
Hearing Loss	1750
Hearing Loss & other problems	971
Stuttering	350
Misarticulation	110
Delayed Speech & Language	350
Voice	165
Mental Retardation	375
Aphasia	42
Cerebral Palsy	6
Brain Damage	-
Normal	350
Incomplete (did not stay for examination and advise)	395
Laryngectomy	-
E.N.T.	2433
Total No. of New Cases	7297
Speech and Hearing Problems	4019
Incomplete Cases	495
Normal	350
ENT Problems	2433

Number of Local Cases

<u>Year</u>	<u>New Cases</u>	<u>Mysore City</u>	<u>Mysore District</u>
1981-82	4742	1971	702
1982-83	5668	2487	1014
1983-84	6493	2872	1178
1984-85	7297	3223	1419

ENT

Cases Seen at AIISH	Old Cases	7449
	New Cases	<u>6172</u>
	Total	<u>13621</u>

O.P.D. at K.R. Hospital	New Cases	5882
	Old cases	6006
	Total	<u>11888</u>
Operation at K.R. Hospital	Major	196
	Minor	123





B. Scheme of Assistance from Ministry of Social Welfare, Government of India for purchase and issue of Hearing Aids

Hearing Aids issued	April 84- June '84	July '84 - Sept '84	Oct '84 - Dec '84	Jan '85 - Mar '85	Total
1. Free of cost	138	151	193	110	592
2. Half Cost	16	20	19	16	121
3. Full cost	21	6	18	10	55
Total No. of hearing aids issued					768
Transport expenses of outstation bene- ficiaries	666.00	409.50	887.86	115.30	Rs.2079.66