



AIISH

# ANNUAL REPORT

1981-82 - 86

ANNUAL REPORT FOR THE YEAR 1981-82  
(1.4.1981 TO 31.3.1982)

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## HIGH LIGHTS 1981-82

This has been a busy year, professionally a satisfying year. We have hosted four conferences in collaboration with other organisations. We conducted a pre-conference workshop in Mysore on "Analysis and Development of Communication Skills in the Mentally Retarded" given by Dr. D.C.Kiernan of Thomas Coram Research Centre of England associated with the Combined Asian Regional and Commonwealth Congress for the Scientific Study of Mental Deficiency (ARC) held in Bangalore. In the workshop, fifteen participants working in the area of mental retardation including the staff of the Institute participated. It proved to be a very useful one both for the participants and the parents who attended.

In September 1981, with the WHO assistance through the DGHS, we conducted a workshop on Diagnostic Proformae for Speech and Hearing Disorders. It was for seven days in which twenty six out-station specialists working in the field of speech and hearing and other allied professions and twenty four local members participated to evolve diagnostic proformae.

In the collaboration with the Indian Speech and Hearing Association we held a workshop for ten days on "Aids for the Aurally Handicapped" in which twentyone Speech Pathologists and Audiologists from all parts of the country participated. This was held basically to train the participants in repairing hearing aids and to provide information on the recent developments in the field of aids for the aurally handicapped.

We actively participated in the annual conference of Indian Speech and Hearing Association (ISHA) which was held in Mysore in January 1982. Most of our staff were involved in the organisation and professional activities of the Workshop.

The financial assistance for the distribution of hearing aids from the Union Ministry of Social Welfare has come through and that has meant a greatly increased load on our audiological services in terms of testing hearing aids and custom ear mould making. Under the scheme we have distributed 701 hearing aids.

We held eighteen camps in various places in Karnataka and Andhra. The new omni bus which was bought during the year will be a great help in this regard.

A survey was held on 'World Health Day' at a village where four hundred families were surveyed.

The XII issue of the AIISH Journal was released. In total our staff have published fourteen papers and presented ten papers and have given three radio talks. Many of our staff attended various professional seminars and short courses.

We held short term training programmes for five school teachers deputed by the Government of Karnataka and a short term refresher/orientation training programme ranging from ten days to ten weeks in ear mould making, impedance audiometry and audio-logical evaluation.

Four 'A' type, four 'B' type and two 'C' type staff quarters have been completed and they are under occupation.

A Staff Welfare Fund has been established.

Our colleagues have been offered offices on Committees of several professional organisations.

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## OBJECTIVES

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

### I. Training

- (a) To provide and assist in providing general professional and technical education and training in Speech and Hearing for graduate, post-graduate and doctorate courses of a University;
- (b) To provide and assist in providing general professional and technical education and training to various categories of personnel 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 re-operate with international agencies engaged in Speech and Hearing research and training and arrange for interchange of personnel, material and data;
- (g) To institute, offer and grant prizes, awards, scholarships, research grants and stipends in furtherance of the objects of the Society;

### II. Research

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

### III. Clinical services

- (a) To provide and assist in providing clinical and surgical services for those with speech and hearing handicaps and ear, nose and throat diseases;

- (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.



- (b) To assist in the development of speech and hearing clinics in hospitals and other centres.

#### IV. Public Education

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

#### V. Administrative and Financial

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



## 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. The Director
5. The Administrative Officer

## COMPOSITION OF THE EXECUTIVE COUNCIL

- |   |  |               |
|---|--|---------------|
| 1 | Shri B Shankaranand<br>Hon'ble Union Minister of Health & Family Welfare<br>Nirman Bhavan<br>NEW DELHI 110 011   | Chairman      |
| 2 | Shri AK Abdul Samad<br>Hon'ble Minister for Health & Family Welfare<br>Government of Karnataka<br>Vidhana Soudha<br>BANGALORE 560 001                                  | Vice-Chairman |
| 3 | Prof. KS Hegde<br>Vice Chancellor<br>University of Mysore<br>MYSORE 570 005  | Member        |
| 4 | Shri SS Sidhu<br>Secretary to Government of India<br>Ministry of Health & Family Welfare<br>Nirman Bhavan<br>NEW DELHI 110 011   | Member        |
| 5 | Shri RR Gupta<br>Joint Secretary (FA) to<br>Government Of India<br>Ministry of Health & Family Welfare<br>(Department of Health)<br>Nirman Bhavan<br>NEW DELHI 110 011 | Member        |
| 6 | Shri MC Narasimhan<br>Joint Secretary to Government of India<br>Ministry of Social Welfare<br>NEW DELHI  | Member        |
| 7 | Dr. ID Bajaj<br>Director General of Health Services<br>Nirman Bhavan<br>NEW DELHI 110 011  | Member        |

- 8 Sri NK Prabhakara Rao Member  
Secretary to Govt. of Karnataka  
(Department of Health & Family Welfare)  
Multi-storeyed Building  
BANGALORE 560 001
- 9 Dr. NK Channappa Member  
Director of Medical Education  
Ananda Rao Circle  
BANGALORE 560 009
- 10 Dr. RM Varma Member  
Professor Emeritus  
NIMHANS  
III Cross, Lakshmi Road  
Shanthinagar  
BANGALORE 560 027
11. Dr. BV Rama Rao Member  
Club Road  
BELGAUM
- 12 Sri FK Irani Member  
Managing Director  
Ideal Jawa (I) Private Limited  
Yadavagiri  
MYSORE 570 002
- 13 Dr.(Miss) S Nikam Member  
Professor & Head of the Department of Audiology  
All India Institute of Speech and Hearing  
MYSORE 570 006
- 14 Dr. N Rathna Member-Secretary  
Director  
All India Institute of Speech and Hearing  
MYSORE 570 006

COMPOSITION OF THE FINANCE SUB-COMMITTEE

- 1 Additional Secretary Chairman  
Ministry of Health & Family Welfare  
Or in his absence:  
Joint Secretary  
Ministry of Health & Family Welfare  
Nirman Bhavan  
NEW DELHI
- 2 Joint Secretary (FA) Member  
Ministry of Health & Family Welfare  
Nirman Bhavan  
NEW DELHI 110 011
- 3 Director (MS) Member  
Ministry of Health & Family Welfare  
Nirman Bhavan  
NEW DELHI 110 011
- 4 Health Commissioner Member  
Government of Karnataka  
BANGALORE



IMPORTANT DECISIONS TAKEN BY THE EXECUTIVE COUNCIL:

The following are some of the important decisions taken by the Executive Council during the period 1.4.1981 to 31.3.1982.

1. Grant of a site on lease basis in the campus to Indian Speech and Hearing Association for starting a printing press as a vocational centre.
2. Introduction of revised scheme of Death-cum-Retirement Gratuity for the benefit of the staff of the Institute.
3. Establishment of Language and Language Disorders Cell.
4. Establishment of Noise Trauma Cell.
5. Establishment of Speech Sciences Cell.
6. Establishment of Psychodrama and Play Therapy Unit.
7. Organisation of Workshop/Seminar on Diagnostic ProFormae in Speech and Hearing.
8. Establishment of a Centre for Earmould Training.
9. Implementation of Social Welfare scheme for financial assistance to the disabled persons for purchase of aids and appliances.
10. Grant of Special pay to Orthopaedically handicapped person.
11. Purchase of a new Omni Bus.
12. Construction of Multimedia Centre.
13. Improvement of Therapy Clinic with additional staff and equipment.
14. Meeting one way travel expenses including contingencies by the Institute in respect of Speech and Hearing camps organised by voluntary organisations.



- 5 Deputy Director General of Health Services Member  
Nirman Bhavan  
NEW DELHI 110 011
- 6 Dr. RM Varma Member  
Professor Emeritus  
NIRMHANS, III Cross,  
Lakshmi Road, Shanthinagar  
BANGALORE 560 027
- 7 Director Member-Secretary  
All India Institute of Speech & Hearing  
MYSORE 570 006
- 8 Administrative Officer, AIISH Invitee

COMPOSITION OF THE ACADEMIC SUB-COMMITTEE

- 1 Dr. DB Bisht Chairman  
Additional Director General of Health Services  
NEW DELHI 110 011
- 2 Dr. RM Varma Member  
Professor Emeritus  
NIMHANS, III Cross,  
Lakshmi Road, Shanthinagar  
BANGALORE 560 027
- 3 Dr. DB Pattanayak, Member  
Director  
Central Institute of Indian Languages  
MYSORE 570 006
- 4 Dr. MS Thirumalai Member  
Deputy Director  
Central Institute of Indian Languages  
MYSORE 570 006
- 5 Dr. K Gopal Member  
Reader in Physics  
Manasagangothri,  
MYSORE 570 006 (A Representative of the  
University of Mysore)
- 6 Heads of the Departments of Speech Pathology, Members  
Audiology, Clinical Psychology,  
ENT and Electronics  
All India Institute of Speech and Hearing  
MYSORE 570 006
- 7 Administrative Officer Invitee  
All India Institute of Speech & Hearing  
MYSORE 570 006
- 8 Dr. N Rathna Member-Secretary  
All India Institute of Speech and Hearing  
MYSORE 570 006



## DEPARTMENT OF SPEECH PATHOLOGY:

Training: The staff of the department continued to participate in the teaching and training of the BSc., and MSc., students. Cases are assigned to the students such that the students gain experience with a different kinds of cases. With the cases a great deal of emphasis is placed on the parents role in therapy.

## Clinical Services:

The staff evaluated all the cases for speech disorders. Further they also counselled the cases or the parents/guardians of the cases regarding the problems and rehabilitation procedures to be used with the cases. Whenever required therapy was also given. They are also responsible for Demonstration of Administration of tests or evaluation and therapy to students and supervision of students.

## Camps:

The staff of the department participated in eighteen Speech and Hearing camps in which 6412 cases were examined. Some of the cases were referred to the Institute for further examinations and for therapy.

One of the lecturers of the department is acting as a co-ordinator for the camps.

## XIV ISHA Conference:

Dr. N. Rathna was Chairman, Organising Committee Mr. NP. Nataraja worked as Organising Secretary and Mr. G. Purushothama



as Organising Treasurer, for the conference. Dr. N. Rathna-  
Director of the Institute, Mrs. Saraswathi Menon, Mr. N.P.  
Nataraja, Mr. G. Purushothama, Mr. M.G. Subrahmanyaiah, par-  
ticipated in the conference.

The following papers were presented:

1. Mrs. Saraswathi Menon, Reader & Head of the Department:

Acoustic Features of Glottal Stop and Pharyngeal fricative  
Sounds produced by Cleft Palate speakers (Co-author Sri.  
Ravi Shankar, Research Fellow)

It objectively describes the deviations in the speech of  
the Cleft Palate persons. Spectrographic analysis of the  
/p/ and /s/ sounds produced by five cleft palate speakers re-  
vealed the usage of glottal stops and pharyngeal /s/ fricati-  
ves by the cleft palate speakers due to the lack of air pressure  
in the oral cavity. The acoustic features of the sounds have  
been described.

2. Mr. N.P. Nataraja, Lecturer in Speech Pathology.

1. Effect of DAF on the Speech of Normals:

The study has indicated that the normal speech get  
disrupted under DAF, in term of fluency, fundamental frequency  
and intensity.

2. Visual Perception of Speech Sounds in Kannada.

Visibility of Kannada Speech Sounds has been deter-  
mined. This is useful in teaching speech reading for hearing  
loss cases.

3. Laryngeal behaviours in stutterers.

A Review of Literature on the topic was presented in  
the symposium on stuttering.



3. Mr. G. Purushothama, Lecturer in Speech Pathology.

1. Normal Phonation Duration:(Mr. Shashidhar, Miss Rangamani - Students III BSc., were co-authors)

Norms were established for the phonation duration for adults. They can be used as an index of laryngeal capacity.

2. Rate of Speech:(Mr. Venkatesh & Miss Poornima)

Rate of Speech was measured in the literate, illiterate and urban and rural populations. It would be useful as a reference in the treatment of fluency disorders like stuttering and cluttering.

3. Stuttering and its treatments:

A presentation in the symposium of stuttering.

(Mrs. Saraswathi Menon, Reader & Head of the Deptt.,)

4. M/s R.S. Shukla and Ravi Shankar, K.C., Research Fellows  
Consonant Duration in different Vowel Environments:

Durations of two fricatives /S/ and /SH/ and one stop consonant /t/, were measured spectrographically in /i/, /u/, and (a) vowel environments. Duration of consonants decreased as the following vowel was changed from /i/ to /u/ to /a/. This finding is an additional support to the existence of forward scanning mechanism in co-articulation.

Workshops:

1. Workshop on 'Diagnostic Proformae in Speech and Hearing'  
14th to 20th September 1981.

This workshop was conducted with the financial assistance of the WHO for seven days in which an attempt was made to provide for representation from the different regions of the country, from different types of work environment, from different training centres and from different professions.

The workshop purported to develop proformae which could be used by all the Speech and Hearing specialists to facilitate



the communication between the specialists within the field and with specialists from various other fields who work as team members in the rehabilitation of speech and hearing handicapped.

For the first four days the groups discussed various terminology used in each proformae and various aspects to be included in the proformae and prepared proformae for various speech and hearing problems. On the concluding days each group presented the proformae prepared by them in the presence of all the participants for discussion.

The proformae which have been evolved would be used either in their long forms or short forms by the speech and hearing specialists all over the country. The usefulness of these proformae would be judged by holding another workshop of this type in a few years' time. In the workshop twenty six outstation delegates and twenty four local members participated.

Dr. N. Rathna was the Project Director and Mrs. Saraswathi-Menon and Mr. N.P.Nataraja were the co-ordinators.

A detailed report is given in Appendix - 'A'.

2. Workshop on "Aids for the Aurally Handicapped" from 12th to 20th October 1981

Mr. N.P.Nataraja, was the co-ordinator for the workshop on 'Aids for the Aurally Handicapped' which was conducted in collaboration with the ISHA from 12th October to 20th October 1981. Appendix - 'B' is the report on the workshop.

ISHA Office Bearers:

Mr. N.P.Nataraja and Mr. G. Purushothama continued as Secretary and Treasurer of ISHA respectively for the year 1982 also.



Radio Features, guest lectures and participations:

Mrs. Saraswathi Menon, participated in the ARC Congress Workshop conducted at AIISH in April - May 1981.

Mr G Purushothama, attended the ARC Congress on Mentally Retarded held at Bangalore in May 1981.

Mr M B Purushothama, Clinical Assistant, prepared a Radio Feature on 'Has not yet your child started Speaking'. This was relayed through the A.I.R. Station of Mysore.

Mr G Purushothama gave a lecture to special educators in the training programme conducted by the FWMR at Manipal in May 1981.

Mr G Purushothama gave orientation lectures to the Survey Personnel in the programme organised by the NSSO at Bangalore.

Research:

As in the previous years research activity continued. Mr NF Nataraja, Mrs Savithri, Mr. Ravishankar, Mr Ravi Shankar Shukla, and Miss Dayaki Devi are working for their Ph.D., under the guidance of Dr N Rathna, Director of the Institute.



Guidance for Dissertation:

Mr. N.P. Nataraja, Lecturer in Speech Pathology:

1. Effect of masking noise on stuttering - Spectrographic Analysis:

The Binaural Masking Noise reduces stuttering. This has been explained using the increase in vowel duration, a spectrographic observation.

2. Highlighting of fluency in stutterers:

Highlighting of fluency reduces stuttering in stutterers. Hence it is recommended as a therapy technique for stuttering.

3. Revised token test in Kannada:

The test for assessing the comprehension ability in children, adults and brain damaged patients as developed in Kannada. It is useful in studying language development in children.

4. Infant cry analysis as a diagnostic indicator:

Spectrographic analysis of cries in Infants normal and abnormal as indicated that they can be differentiated by their acoustic - characteristics present in their cries.

Further, it has been shown that the infants with various abnormalities like jaundice, low birth-weight, delayed birth-cry can be differentiated using spectrographic analysis.

Mr. G.Purushothama, Lecturer in Speech Pathology:

1. The Influence of increase in intensity and whispering on stuttering:

9 subjects underwent, 4 different experimental conditions with different levels of vocal intensities and whispering. It



has been indicated that whispering and higher level vocal intensity help the stutterer to become fluent with the help of additional laryngeal feed back.

Publications by the staff of the Department

1. A study of prosodic aspects of Kannada language;
2. Intonation in 4 Indian Languages under 5 emotional conditions - JAIISH, 1981, Volume ;
3. Acoustic Analysis of Hoarseness, JAIISH, 1981, Volume.
4. Vocal cord paralysis and its therapy, Hearing Aid Journal, 1981.
5. An article in Kannada on the Speech and Hearing and Problems in children and their treatment.
6. The article on "Cleft Palate" - in Kannada
7. Acquisition of morphological rules for plural allomorphs in Kannada - A Pilot Study.

Itinerant Speech Therapist:

Follow-up letters sent	-	181
Number of cases replied and reported	-	71
Letters returned due to change of addresses	-	1
Number of home visits	-	88
Number of cases seen	-	89
Number of school visits	-	31
Number of cases seen	-	63



APPENDIX 'A'

Report - Workshop on 'Diagnostic Proformae in Speech & Hearing

The importance of proformae in the diagnosis of Speech and Hearing problems is well known. Each Speech and Hearing clinic has its own proformae for this purpose. We had found that the terms used and the importance given to various aspects in the proformae were varying from clinic to clinic. Therefore it was felt necessary to develop proformae which could be used by all Speech and Hearing specialists and thus to facilitate the communication between the specialists within the field and with specialists from various other fields who work as team members in the rehabilitation of Speech and Hearing handicapped. Hence, we conducted a workshop to evolve various proformae required for diagnosis of Speech and Hearing problems, involving specialists from various fields.

The proposal was sent to WHO through DGHS. We are grateful to WHO authorities for providing us the required financial help. We thank Dr. I.D. Bajaj, DGHS, Dr. Bisht, ADDGHS, Dr. Arora, Asst.DGHS for their help in getting this financial assistance. Investigations were sent to Speech Pathologists, Audiologists, working in various clinics and centers, Otolaryngologists, Neurologists, Paediatricians.

An attempt was to provide for representation from the different regions of the country, from different types of work environment, from different training centers and from different professions.

The enclosed list of 40 out station specialists working in the field of Speech and Hearing and other allied professions and another list of 15 local participants were prepared, in consultation with the Heads of Departments of AIISH, who could be invited as participants in the workshop.

The workshop was planned for 14 days. As many people felt that it was too long it was decided to hold it for 7 days.



Out of forty invitees 34 conveyed their acceptance to participate in the workshop.

Various speech and hearing centers in and outside the country were requested to send the proformae used by them in their clinics. Five drafting committees formed consisting of staff and students of the Institute to prepare drafts of various proformae for the use of the participants during the workshop. Drafts of various proformae and other relevant study materials were prepared. These formed the starting points for the workshop.

Due to natural and un-natural calamities, only 26 out-station participants could brave the storm and participate in the workshop. 9 more speech and hearing specialists working in Mysore were invited to participate in place of out station participants who could not reach Mysore. So totally 23 local participants took part in the workshop.

It was felt necessary to involve our post-graduate student as they had helped us in preparing draft proformae and also as we could get their help in reporting the proceedings of the meeting in each group. Further it was felt that they would be benefitted by the discussions of the groups. Therefore, 25 post-graduate students were also included in the groups. Further it was also felt that they would be benefitted by the discussions of the groups. Therefore, 25 post-graduate students were also included in the groups.

The workshop was inaugurated by Dr. GN.Reddy, Director, NIMHANS, Bangalore, on 14th September 1981, at 11 A.M. Dr. CP. Natarajan, Director, CFTRI, Mysore, presided over the function.

The delegates were requested to work in four groups to prepare proformae:



- Group 1 - proformae for hearing disorders (Adults and children)
- Group 2 - Stuttering and articulation
- Group 3 - Aphasia, C.P., Cleft Palate and other organic problems
- Group 4 - Voice, Laryngectomy and Delayed Speech and Language

Dr. N. Pathna, Director, AIISH, explained to the delegates that the draft proformae provided by us could be used as outlines to prepare proformae for specific speech and hearing problems, and to prepare different proformae in long and short forms, to be used for various purposes in hospitals, schools, research in camps, clinics, industrial units and surveys. The delegates were also told that it is hoped that the proformae developed by these groups would help in more informative and economical evaluation of cases and in the use of well defined terms with the view to facilitate communication among the members of the rehabilitative team for speech and hearing problems in India and abroad. The groups were also requested to arrive at a common format for sending reports to various professionals and other members of the rehabilitation team.

For the first four days i.e., from 14th to 17th Sept., 1981 the groups discussed various terminology used in each proformae and various aspects to be included in the proformae and prepared proformae for various speech and hearing problems. On 18th and 19th each group presented the proformae prepared by them, in the presence of all the participants for discussions. It was obvious the discussions were real and alive as evidenced by the intensity of the arguments.

All the participants demonstrated a real involvement the work being done both by the way in which they stuck to hard work for more than six hours a day and by the vehimance with which they participated in the discussions. We are grateful to them.



We have now arrived at proformae which we hope will be used either in their long forms or short forms by speech and hearing specialists all over the country.

We are aware as we use them we will soon find the need to make changes and perhaps we may need hold another workshop like this in a few years' time. With the experience from this workshop we shall be very happy to do so.

Dr. RM.Varma, Professor Emiritus, NIMHANS, Bangalore delivered veledictory address on 20th September 1981, Dr.SN. Jain, President OAI and Superintendent ENT Hospital, Hyderabad presided over the function.

We hope to publish the proceedings of this workshop for the use of speech and hearing professional in and outside the country.

We thank Sri. B.Shankaranand Hon'ble Union Minister for Health and Family Welfare, Govt., of India., Directorate General of Health Services, Members of the Executive Council, Academic Council and Finance Committee for permitting us to hold this workshop. We are grateful to WHO for providing us the required financial help.

List of out-station delegates

<u>Name</u>	<u>Profession/ Designation</u>	<u>Address</u>
1. Mr.T.Dattatreya	Sp.Path & Audiologists	Sp & Hg Center Sevamandira, Guild of Service, Near Pandeswar TB, Pandeswar Mangalore
2. Dr. Nagaraj	Lecturer in Neurology	Deptt., of Neurology NIMHANS, Bangalore
3. Mrs.Tasneem Wajid	Sr.Sp.Path & Aud.	Instt., of Sp & Hg Hennur Bagalur Road Bangalore



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We have now arrived at proformae which we hope will be used either in their long forms or short forms by speech and hearing specialists all over the country.

We are aware as we use them we will soon find the need to make changes and perhaps we may need hold another workshop like this in a few years' time. With the experience from this workshop we shall be very happy to do so.

Dr. RM.Varma, Professor Emiritus, NIMHANS, Bangalore delivered veledictory address on 20th September 1981, Dr.SN. Jain, President OAI and Superintendent ENT Hospital, Hyderabad presided over the function.

We hope to publish the proceedings of this workshop for the use of speech and hearing professional in and outside the country.

We thank Sri. B.Shankaranand Hon'ble Union Minister for Health and Family Welfare, Govt., of India., Directorate General of Health Services, Members of the Executive Council, Academic Council and Finance Committee for permitting us to hold this workshop. We are grateful to WHO for providing us the required financial help.

List of out-station delegates

<u>Name</u>	<u>Profession/ Designation</u>	<u>Address</u>
1. Mr.T.Dattatreya	Sp.Path & Audiologists	Sp & Hg Center Sevamandira, Guild of Service, Near Pand swar TB, Pandeswar Mangalore
2. Dr. Nagaraj	Lecturer in Neurology	Deptt., of Neurology NIMHANS, Bangalore
3. Mrs.Tasneem Wajid	-Sr.Sp.Path & Aud.	Instt., of Sp & Hg Hennur Bagalur Road Bangalore



4.	Mrs.AA.Birje	Speech Pathologist & Audiologist	Domiciliary Speech Therapy Project Sir H.N.Hospital Bombay
5.	Miss Rama Pandit	Speech Pathologist	Deptt., of ENT, AIIMS New Delhi
6.	Mr. SU.Nandur	Audiologist	Govt., ENT Hospital Hyderabad
7.	Mr.Ramesh N. Bettagera	Speech Pathologist & Audiologist	BM Institute Ahmedabad
8.	Miss Malini	-do-	Speech & Hearing Center Society for the Handi- capped, Coimbatore
9.	Mr.R.Rangasayee	Research Fellow	Deptt., of Otolaryngo- logy, Genl.Hospital Madras
10.	Mrs.GP.Gore	Lecturer in Sp. Pathology	BYL Nair Hospital Bombay
11.	Mr.PD.Manohar	Psychologist Speech Pathologist & Audiologist	Visayavada
12.	Mr.G.Srinivas	Sr.Speech Patho- logist	Deptt., of ENT, PGIMER Chandigarh
13.	Dr.SN.Jain	Otolaryngologist	Superintendent Govt., ENT Hospital Hyderabad
14.	Mr.Chainani	Physiotherapist	Head, Deptt., of Physiotherapy, All India Instt., of Physical Medicine and Rehabilitation, Bombay
15.	Mrs.Sheila Rajn	Speech Pathologist	Deptt., of ENT AFMC, Poona
16.	Mrs.Margaret Joseph	Teacher for the Deaf	Sheila Kothwala Inst., for the Deaf, Bangalore
17.	Mr.Babul Basu	Speech Pathologist	Spastic Center Calcutta
18.	Mr. RK.Oza	-do-	Jeslok Hospital Bombay



19.	Mr.MN.Nagaraja	Lecturer in Speech Pathology	Head, Deptt., of Speech Pathology NIMHANS, Bangalore
20.	Mrs.Ghate	Teacher for the Deaf	-Bombay
21.	Mrs Patel	-do-	Bombay
22.	Mrs.Sangeetha Singh	Speech Pathologist & Audiologist	-do-
23.	Miss G.Manjrekar	-do-	-do-
24.	Miss Malamehta	-do-	-do-
25.	Dr. M.Jayaram	Research Fellow	Indian Institute of Science, Bangalore
26.	Mr.Satyender Kumar	Audiologist	AIIMS, New Delhi

Local participants:

1.	Dr.Chandramohan	Prosthodontist	Mysore
2.	Dr. Narayan, J	Otolaryngologist	Mysore
3.	Dr.Thirumalai	Linguist	Deputy Director, CIIL
4.	Dr.P.Karant	Speech Pathologist	Research Fellow, CIIL Mysore
5.	Dr.J.Bharath Raj	Psychologist	Prof., AIISH, Mysore
6.	Mrs.S.Menon	Sp.Pathologist	AIISH, Mysore
7.	Mr.MN.Vyasa-murthy	Audiologist	-do-
8.	Mr.PJ.Kumar	-do-	-do-
9.	Mr.Dayalan S	-do-	-do-
10.	Mr.G.Purubothama	Speech Pathologist	-do-
11.	Mr.Tiruvengkatachar-	-do-	School for the Deaf Mysore
12.	Miss Gayithri	Sp.Path & Audiologist	Res.Fellow, CIIL, Mysore
13.	Miss Shyamala	-do-	-do-
14.	Mr.BS.Gururaj	MRO	AIISH, Mysore
15.	Mrs.Mythili	Research Assistant	-do-
16.	Mr.MG.subrah-mayaiah	-do-	-do-
17.	Miss Savithri	-do-	-do-
18.	Mr.Ravishankar	-do-	-do-
19.	Mr.NP.Nataraja	Sp.Pathologist	-do-
20.	Miss AD.Bhavani	Psychologist	-do-
21.	Mr. R.S.Shukla	Res.Fellow	-do-
22.	Mrs.Indira Prakash	Iti.Therapist	-do-
23.	Mr.Baavaraj	Psychologist	Lecturer in Clinical Psychology, Manasa-gangothri, Mysore 6
24.	Miss Veena Rajyadhyaksha	Sp.Pathologist and Audiologist	Mysore.



APPENDIX B

Report on workshop on 'Aids for the Aurally Handicapped'

Workshop on 'Aids for the Aurally Handicapped' was conducted at this Institute in collaboration with the Indian Speech and Hearing Association. The workshop was conducted from 12th October to 21 October 1981 (10 days).

The workshop was inaugurated by Mr. Srinivasan, Director, ISI, Bangalore. Totally 21 Speech Pathologists and Audiologists from all over the country participated in the workshop. Basically the workshop was conducted to train the participants in repairing hearing aids, and to provide information regarding the recent developments in the field of aids for the aurally handicapped. The participants had practical and theory classes during these ten days by the staff of the department of electronics and audiology. The participants felt that the workshop was very useful and requested for more workshops of this type.

The workshop was concluded with a lecture by Dr.K.Gopal, Reader in Physics, University of Mysore on 'Microprocessors'.

Certificates were given to the participants.



DEPARTMENT OF AUDIOLOGY

I. TRAINING PROGRAMME

(a) Undergraduate and Post-graduate:

The training programme for the undergraduate and graduate students continued under the semester and non-semester scheme.

Educational films with professional relevance on hearing evaluation, noise measurements and psycho-acoustics were included as a part of the training programme. Six films were borrowed from the British Council Library and also a list of films to be borrowed from them for the subsequent screening. Efforts were made in collecting more audiovisual aids for training programme and it was arranged with the National Education and Information Films Limited for the preview of film on the Inner Ear.

In Hearing Science Lab the oscilloscope was used for demonstrating psychoacoustic phenomenon.

Six dissertation and nineteen independent projects were completed under the guidance of the staff of the Department. In progress are eleven independent projects and six dissertations.

(b) Short-term training:

A short-term training programme for five school teachers deputed by the Government of Karnataka, were conducted in the middle of 1981.

A short-term refresher/orientation training programme ranging from ten days to ten weeks was given in earmould making, impedance audiometry and audiological evaluation.

(c) Guest Lectures/Demonstrations

A demonstration was given by M/s. Alps International (P) Ltd., in electro-acoustics measurement of hearing aids.



Mr. Srinivasan, Regional Director, ISI gave a lecture on environmental tests, with particular reference to hearing aids.

Mr. N. Sethi, M/s Kardio Control, gave a demonstration regarding the use of Electric Response Audiometry.

Hearing Science Lab, was used to give demonstration to students in automatic gain control, masking, and filtered speech.

## II. CLINICAL ACTIVITIES:

### (a) Hearing Evaluation

Total No. of cases evaluated	..	..	3353
Total No. of conductive loss	..	..	650
Total No. of mixed hearing loss..	..	..	480
Total No. of sensorineural loss	..	..	1870
Total No. of normals	..	..	353

### (b) Certificate

Certificates of hearing loss issued to:

- 35 persons for purchase of sites/HUDCO houses.
- 1000 persons to receive maintenance allowance.
- 3 school children to receive scholarships.
- 4 persons to seek employment.
- 5 persons to get income-tax relief.

## HEARING AIDS:

### (a) Hearing Aid Evaluation

In total 2078 patients were examined for hearing aid evaluations. The number included those who came for re-evaluation, demonstration and counselling.

The following types of hearing aids are being used for trial purposes:- (1) Body level (2) Spectacle type AC/BC (3) Behind the ear. Total number available for trial purpose is twenty one.

In all cases where hearing aid was found useful, prescription of suitable models for purchase were made out for patients. Number of prescriptions given were 1257.



The work load was increased as a result of free hearing aids issued to the cases with income below Rs.750/- per month and with an income of Rs.751/- to Rs.1500/- per month, the aid/prosthesis was supplied at 50% of the cost. The grant for these hearing aids was provided by the Ministry of Social Welfare Government of India.

Fiftyone Danish Hearing Aids issued earlier under the Indo-Danish Scheme were returned for reasons such as new hearing aids were issued, the user had passed away. 14 spare parts were issued.

(b) EARMOULD

A total number of 1667 earmoulds and six prosthesis were made for the patients. The increase in the number of earmoulds were due to free issue of hearing aids provided by the Ministry of Social Welfare through the Institute. Nine special types of earmoulds such as skeleton moulds were prepared for cases needing them. Apart from earmoulds, the laboratory has made six prosthetic aids for cleft palate cases.

Patients from outstations were sent their earmoulds by registered post. 579 earmoulds were despatched. Due to non-availability of appropriate earmould rings, finished earmoulds could not be delivered to the patients immediately.

The earmould laboratory as in the previous year was also used for training purposes.

III. INSTRUMENTS:

The new instruments purchased during the year and the specific purpose for which they have been used are detailed below:

1. Electric Response Audiometer: - This instrument is used for clinical evaluation. Our Institute is one of the few centres having an instrument of this kind - Rs.1,02,680-30
2. Oscilloscope:- This instrument is being used along with the hearing science laboratory for demonstration of psycho-acoustic phenomena - Rs.4,218/-



3. Digital multimeter and digital frequency counter both of these instruments are being used in the diagnostic room and for calibration of the audiometer - Rs.5,250/-.
4. Telephone amplifier has been used for demonstration -Rs.799/-.
5. Scientific calculators to be used for treatment of data Rs.3,150/-.
6. Six new hearing aids for trial purpose and training programme Rs.12,350/-.

#### IV. STAFF

Dr. (Miss) S. Nikam, was elected to the Executive Council of Acoustical Society of India.

#### V. EXTENSION SERVICES:

##### (a) School Screening/Speech and Hearing camps

Mr. P.J.Kumar and Mr. J.D. Samuel participated in six and five Speech and Hearing camps respectively.

##### (b) Consultancy services:

Consultancy services for establishing speech and hearing clinic, sound treated rooms, earmould making, purchase of audiometers and hearing aids, auditory trainers and measuring instruments were provided to various institutions, service organisations and individuals.

#### VI. RESEARCH AND DEVELOPMENT:

1. Canal earmould were made at the earmould lab.
2. Earmoulds were prepared with cold acrylic materials.
3. A project on familiarity word list in spoken Kannada was prepared by Mr. P.J.Kumar and submitted for grant from the Ministry of Social Welfare, Government of India.
4. Flask locally made out of gunmetal for earmould lab was tried out and found satisfactory.
5. Various types of earmould rings received from outside and within the country were tried and a report was prepared regarding their suitability.
6. Earmould flasks received from the Communication, New Delhi was tried and a report was submitted.



7. A questionnaire was prepared and circulated for getting information regarding hearing aid manufacture in the country, similarly a questionnaire on audiometer manufacture in India was sent out.
8. We have tried the different types of hearing aids using the audio test station.
9. Discussions were held with the staff of Visweswariah Industrial and Technical Museum for the manufacture of electronic stethoscope for hard of hearing doctors.
10. Draft for ear level hearing aid was prepared for submission to ISI.
11. A Laymen's guide for hearing/hearing loss as public education pamphlet is ready for publication.
12. Question bank in Hearing Aids and Earmould was prepared.
13. The pamphlet hard of hearing child in the classroom was revised in English. Drafts of public education pamphlets on the care of hearing aid in Hindi and Kannada were prepared.
14. Indigenously manufactured recording paper for the American Electromedics 86-AR was tried out.

#### VII. PARTICIPATION IN SEMINARS AND WORKSHOP/MEMBERSHIP

1. Dr. (Miss) S. Nikam participated in the:
  - a) Annual Conference of the Acoustical Society of India held at Cochin in October 1981.
  - b) Gave a lecture at the Institute of World Culture, Bangalore.
  - c) Addressed the members of Lions Club (Central), Mysore.
  - d) the seminar on "Vibration Measurement" at Bangalore.
2. Mr. M.N.Vyasamurthy participated in:
  - a) the seminar on "Vibration Measurements" held at Bangalore.
  - b) Workshop on aids for aurally handicapped at AIISH, Mysore.
  - c) Workshop on diagnostic proformae at AIISH, Mysore.
3. Mr. P.J.Kumar
  - a) Participated in the workshop on aids for the handicapped at AIISH, Mysore.
  - b) Participated in the workshop on diagnostic proformae at AIISH, Mysore.
  - c) Gave a lecture on prevention and control of Speech and Hearing problems to the participants of India Associa-



4. Mr. J.D.Samuel: participated in:

- a) the seminar on communication problem of M.R. held at Central Institute of Indian Language, sponsored by AIISH, Mysore.
- b) the diagnostic proformae workshop and Aids for the handicapped held at AIISH, Mysore.
- c) the seminar on "Vibration Measurements" at Bangalore.

5. Mrs. M.A.Mythili participated in:

the workshop on diagnostic proformae at AIISH, Mysore.

6. Mr. G.A.Latthe: participated in the

- a) "Noise Measurements" seminar held at Bangalore.
- b) ISHA Conference, Mysore and presented a paper entitled "Speech reading discrimination of homophones".

#### VIII. COLLABORATIVE PROJECT

1. ISI documents regarding audiometer sent to us for our comments were submitted with necessary modifications.
2. Discussions were held with M/s Arphi Incorporated representative the manufacturing of audiometers in India with reference to the clinical application and research programmes. They were requested to produce the instruments meeting the ISI specification.
3. Discussions regarding the hearing aid manufacture etc., were held with the manufacturers. Elkon (P) Ltd., Maheswari Enterprises, Alps International (P) Ltd.
4. The Lion's Club (Central), Mysore in selecting suitable patients who had been examined in the Institute for donation of hearing aids. Three hearing aids were donated by the members of Lions Club (Central), Mysore.

#### IX CORRESPONDENCE

Collected useful information on various instruments such as hearing aids, audiometers, earmoulds, and other matters related to the work of the Department. The details of correspondence are given below:-

- a) Training programme
- b) Enquiries regarding hearing aids,



tinnitus, headsets, earmould, audiometers, telephone amplifier, speech instrument, including all types of sound test equipment, auditory training equipment, middle ear analyzers, meters, etc. (Indigenous and Foreign).

405

c) Patients' correspondence regarding hearing aid, earmould, hearing evaluation, hearing re-evaluation, etc.

530

d) Questionnaire regarding hearing aid manufacture and audiometer manufacture.

27

Total 1025

# X. PUBLICATIONS

J. Dayalan Samuel, et al "Identification of hypermobile Tympanic Membrane using Electromedics 86-AR". J.AIISH, 1981.

J. Dayalan Samuel, "Annappilavum Melvaykkurai Pilavum (Tamil)" (Cleft lip and Palate in Nalevazhi, November, 1981.

J. Dayalan Samuel and Joan D'Mello "A few suggestions on how to organize a Speech and Hearing Center in a hospital", Hearing aid journal (India), 1981 (in press).



DEPARTMENT OF CLINICAL PSYCHOLOGY

1. ADMINISTRATION:

The department continued to function under the guidance of Dr. J. Bharath Raj, Professor and Head of the Department of Clinical Psychology. Mr. P. Kalaiah, joined the department as Reader in Clinical Psychology on 13.7.1981.

Dr. J. Bharath Raj was a member of the Executive Council till 18.8.1981 and continued as a member of:-

- 1) Academic Sub-committee of AIISH, Mysore
- 2) Board of Studies in Speech and Hearing
- 3) Board of Studies of the department of Psychology at the University of Mysore.

He was a member of the Organising Committee of the Asian Regional Commonwealth Congress (ARC) on Mental Retardation held at Bangalore during April-May 1981.

Dr. J. Bharath Raj was also a member of the Organising Committee of the ISHA Conference held at Mysore in January '82.

• NEW PSYCHOLOGY BLOCK:

Construction of the New Clinical Psychology Block is nearing completion. The Acoustic treatment for Psychodrama, Behavior Therapy/Biofeed back units have been entrusted to Messers Ausvel, Bangalore and the work is expected to be completed by the middle of 1982. Electrification and furnishing of other rooms like Psycho-diagnostic, psychology Laboratory, staff room, room for the head of the department is under progress. The Departmental staff are busy in executing the ancillary work. The department is likely to be shifted to the new block in latter part of 1982.

3. TRAINING:

The departmental staff continued to actively participate in the teaching and training of the B.Sc and M.Sc., Speech and Hearing students. The graduates and post-graduate students continued to have diagnostic and therapeutic supervision from the staff members apart from their usual



curriculum. At present there is only one batch of semester students of BSc., level and they are likely to take up their final examination in April-May. Orientation courses were conducted for a batch of M.S., in E.N.T. students from Armed Forces Medical College, Poona. A Batch of Speech and Hearing students from B.M. Institute, Ahmedabad and Post-graduate Institute of Medical Education and Research, Chandigarh were also attended.

An orientation course was conducted for a batch of teachers deputed from eight schools in Karnataka.

#### 4. DIAGNOSTICS:

A total number of 1939 cases were evaluated; 1766 were new and 153 were old cases. They were counselled and were recommended suitable therapy for rehabilitation.

429 Mentally retarded cases were examined and 193 cases were issued certificates for the financial assistance from the State Government.

Miss A.D. Bhavani, Lecturer in Clinical Psychology continued to be in-charge of the diagnostic supervision.

#### 5. THERAPY:

A total number of thirty cases were under the supervision of the staff of the Clinical Psychology Department. Fifteen cases were under Dr. J. Bharath Raj and ten cases were under the supervision of Miss A.D. Bhavani

It is anticipated to render more comprehensive therapeutic services to the cases, soon after the completion of the new Psychodrama and Behavior Therapy/Biofeedback unit.

#### 6. CAMPS:

The following staff of the department participated in Speech and Hearing camps.

Shri. P. Kalaiah : 10 camps

Miss A.D. Bhavani : 4 camps.

Two camps on Mental Retardation were conducted by



## 7. EQUIPMENT

The following equipment were purchased.

1.	1000 watts Halogen Flood light	1 No.	Rs.450.00
	(a) Indoor type (open) with Barudoor cable		
	(b) 1000 w Halogen tube	1 No.	Rs.210.00
2.	500/1000 W follow spot with built in Iris etc.	1 No.	Rs.1500.00
	(a) 1000 W 250 V Med P.F. Lamps for the above	1 No.	Rs.350.00
3.	1000 W Halogen Theatre spot specially made for theatre.		
	(a) Tungsten Halogen Theatre Lamp provided with shutters to enable to achieve the desired lighting cut.	1 No.	Rs.4,500.00
	(b) Stand suitable for the above.	1 No.	Rs 500.00
4.	Strobe light with timer	1 No.	Rs. 800.00
5.	Single phase 2 kw Electronic Dimmers.	6 Nos.	Rs.6,000.00
6.	Tripod stand without castors with 3 section.	1 No.	Rs. 400.00
			14,710.00
	Plus packing charges		215.00
	Plus C. S. T. 12%		1,791.00
	Plus freight paid		78.00
7.	1000 T/11 Theatre lamp	1 No.	Rs.1,000.00
	GEC UK make		
	Plus packing charges		55.00
	Plus C.S.T. at 12%		126.00
	Plus freight paid		33.00
8.	I-C Regulated power supply Electronic Instrument	2 Nos.	Rs.3,245.00
9.	1000 W Halogen flood light	1 No.	Rs. 450.00
	(a) Indoor type (open with Barndoor with cable)	1 No.	
	(b) 1000 W Halogen Tube	1 No.	Rs. 200.00
10.	500/-1000 W follow spot with built in lens etc.	1 No.	Rs.1,750.00
	1000 W 250 V Med P F Lamp for above.	1 No.	Rs. 275.00
		S. T	Rs. 321.00



11. 'IDL' make servo controlled 1 No. Rs. 4,250.00  
voltage stabilizer volt meter

Model SUS - 200 L  
Input Volt. 170-270 V  
Output Vol. 230 V

12. Portage guide to early education  
with guidemannual Gift by Dr. Kiernan.

#### 8. RESEARCH ACTIVITIES:

In addition to the earlier stated projects Dr. J. Bharath Raj is guiding Ph.D students. Miss A.D.Bhava is doing her Ph.D under Mysore University with the title: "Application of the behavior modifications in training the Mentally Retarded".

Shri P. Kalaiah is preparing a paper on the 'Personality development of the Blind'.

As a part of Asian Regional & Commonwealth Congress, a pre-congress workshop was held at Mysore. This workshop was mainly concerned with, "Analysis and development of communication skills in the mentally handicapped children". This was conducted by Dr. Chris Kiernan, Deputy Director, Thomas Coran Research Unit, Institute of Education, University of London. The workshop commenced on 27th April 1981 and ended on 1st May 1981, and was conducted at the All India Institute of Speech and Hearing, Mysore. About fifteen participants working in the area of Mental Retardation, including the staff of our Institute participated in the workshop. It was a very useful workshop, as was felt by all participants.

#### 9. PUBLICATIONS:

Dr. J. Bharath Raj and others

- a) Desensitization of a case with generalized anxiety - AIISH 1981.
- b) Speech and Hearing problems among the Mentally Retarded AIISH Journal 1981.
- c) I.Q. + Programme abstract with co-authors Miss A.D.Bhava and Sri Vidyasagar - AIISH Journal 1981.



10. SPECIAL ACTIVITIES/PUBLIC EDUCATION ETC. IN WHICH THE MEMBERS OF THE DEPARTMENT PARTICIPATED.

1. AIISH conducted the ARC Workshop on "Development of of Non-verbal communication skills among the Mentally Retarded" from 27th April 1981 to 1st May 1981, under the guidance of Dr. Kiernan.
2. Miss A.D Bhavani attended the workshop on 'Behavior Modification' held at NIMHANS Bangalore, conducted by Peter Mittler.
3. Dr. J. Bharath Raj gave a talk on 'Psychological problems in Cerebral Palsied Children' in Workshop of Cerebral Palsy organized by Friends United Organization in which other professional people also participated.
4. Dr. J. Bharathraj gave a talk on 'Mental Handicaps' to the Social Service Members at Administrative Training College, Mysore. The lecture was organized by the A.T.C. in observance of the International Year of the Disabled persons.
5. Dr. J. Bharath Raj and Miss A.D. Bhavani attended the ARC Congress on Mental Retardation at Bangalore, May 1981.
6. Dr. J. Bharath Raj, presided over one of the addresses by Rajnarayan at the Department of Psychology, University of Mysore, on 'Current Trends in Psychology'.
7. Prof. Rajnarayan visited the Institute and the Department and observed the various functions of the Institute.
8. Dr. J. Bharath Raj, Mr. P. Kalaiah and Miss A.D. Bhavani attended the ISHA Conference held during Jan, at Mysore.
9. Dr. J. Bharath Raj and Miss A.D. Bhavani attended the U.G.C. Seminar on Psychological problems of the Disabled held at Bangalore on 17th, 18th and 19th February 1982. Dr. J. Bharath Raj presented a paper on "Establishment of Clinical Psychological services for the Communicatively Handicapped". Miss A.D. Bhavani read a paper on Follow-up study of 'I.Q.+ Programme'.
10. Dr. J. Bharath Raj attended National Seminar on the Mental Health problem of the Socially disadvantaged held at All India Institute of Medical Sciences, during February 1982. Dr. J. Bharath Raj presented a paper entitled, 'Can intelligence be improved among the socially disadvantaged children'.



## DEPARTMENT OF OTOLARYNGOLOGY

### I. TRAINING PROGRAMME:

The training programme for the undergraduate and post graduate students continued. Emphasis was on helping students learn the pathophysiology of speech and hearing problems through clinical demonstrations and microscopic examinations. Facilities were made available to witness the surgical operation of cases at the K R Hospital.

### II. STAFF:

Dr. M. V. Susheela, Reader and Head of the Department resumed duties from 7.12.1981. Dr.M.V.Susheela went to the United Kingdom on a Commonwealth Medical Fellowship to get advanced training in audiological medicine under the supervision of Prof. Hunchcliffe. In her absence Dr. J. Narayana from K.R.Hospital performed the duties.

Dr. Shantha, Prof. of E.N.T. K R Hospital was appointed as visiting consultant to provide services on Wednesdays and Thursdays to cover the absence of departmental staff who would be attending the O.P.D. and O.T. respectively on those days at K.R.Hospital.

Dr.Rathnasabhpathy, Lecturer in Otolaryngology, continued to work in the Department.

### III. DIAGNOSTIC AND SURGICAL SERVICES:

The Department continued to provide clinical/medical services to the patients attending the Institute.

The collaboration with the local K.R.Hospital, continued with one out-patient day on Wednesday and two operation days on Thursday and Saturday. The cases needing specialised surgery registered at the Institute as on 31.1.1980 stood at 340, which requires additional days of operation and additional staff to clear the load.

Micro-otological operations such as Stapedectomy, Myringoplasty, Tympanoplasty and Mixillo-facial surgeries such as Palatoplasty and Pharyngoplasty were done this year also.



Details regarding medical and surgical services rendered by the Department are as follows:-

Out-patients at K.R.Hospital:

New Cases	..	5679
Repeat cases	..	3486
Total	..	9165

At. A.I.I.S.H.

New Cases	..	3379
Repeat cases	..	2699
Total	..	6078

Cases which needs special reference to neuro center	..	6
---	----	---

Operations done at K.R.Hospital

Major Operations	..	180
Minor operations	..	72
Total	..	252

No. of patients for operation on waiting list.	..	340
--	----	-----

IV. EQUIPMENT:

Some more equipment like Electro-Nystagmograph in the diagnostic field, the Microlaryngeal and Micro-otological instruments in the curative aspects of disease have been procured for the department apart from the sophisticated anaesthetic equipment like Flutec Machine for the smooth induction of laryngeal surgery.

Additional new equipment like cryosurgical instruments were added to the department this year which will be beneficial in preserving the normal physiological functions in otorhinolaryngology. Steam sterilizer, bull nitrous oxide cylinders, stroz fiber optic oesophageal instruments were also procured this year.

V. FOLLOW-UP OF CASES AND COUNSELLING:

Post operative follow-up of cases was continued, each case was given particular attention to prevent secondary infections and benefit of surgical treatment was assessed by specialized methods.

VI. RESEARCH PROJECTS UNDERTAKEN :

- a) ERA studies in otology
- b) Cryosurgical benefit with special reference to laryngology



SENENTRY OTITIS MEDIA CLINIC:

The object of this clinic is to detect hearing loss in children to prevent further complications.

ADHESIVE OTITIS MEDIA CLINIC:

The object of this clinic is to make irreversible pathology to reversible one thereby improving the hearing thresholds. It requires skill, sympathy and patients as it is a chronic condition with irreversible pathology. Now efforts are being made to prevent this condition or corrected with suitable surgical procedures.

CLEFT PALATE CLINIC:

Palatoplastics and pharyngoplastic was undertaken for the corrections of the speech and hearing problems gains are encouraging.

OTHER ACTIVITIES:

Apart from the above activities, spatedectomies are being done for the restoration of hearing under operating microscope.

Micro-laryngeal surgeries were also done for the correction of voice disorders. Excellent results have been obtained.

PHYSICAL TARGETS SET FOR THE YEAR:

1. To start the laboratory unit
2. To start the vertigo clinic
3. Additional staff resumed for the Department:  
one post of lecturer in Otorhinolaryngology.  
Laboratory technician, Lab attendant and a  
Dhobi.

Except the special activities as narrated above, the other targets were not achieved, however steps are being taken to fulfil the targets set already.



- c) ENG studies in Vertigo
- d) Bacteriological investigations in chronic suppurative otitis media and serous otitis media were under taken as in previous year.

#### VII. SCIENTIFIC CONFERENCES ATTENDED:

- |                    |   |
|--------------------|---|
| Dr. M. V Susheela  | .. The Orientation Guest-lecture by John Ballantyne from U.K. held at Bangalore, Jan. 1982. |
| Dr. J. Narayana    | .. All India Otolaryngology conference held at Hyderabad -                                  |
| Dr. K R Sabhapathy | .. State Otolaryngology conference held at Bijapur  |
- Attended guest lecture at Bangalore delivered by Dr. John Ballantyne.

#### VIII. OTHER SERVICES:

1. Collected technical information for the procurement and expansion of services.
2. Clinical services were extended to attending camps.
3. Prepared materials for public education pamphlets in various aspects of otolaryngology.
4. Issued certificates to deserving handicapped patients to obtain maintenance allowance from the Government of Karnataka
5. Followup and data collection for selection of suitable patients for surgery to improve hearing and voice disorders.

#### PROGRESS MADE DURING THE YEAR IN RESPECT OF DIFFERENT ACTIVITIES.

##### Chronic suppurative otitis media clinic:

The object of this clinic is to give dry ear to the patient, and thereby preventing further complications and deterioration of hearing. In majority of cases this object was achieved by clearing the infection by microscopic suction along with suitable antibiotics.

The second object is to restore the hearing loss by suitable reconstructive procedures by surgical means. This has been achieved by subjecting the patient to various tympanoplastic procedures under operating microscope. The results of operations were assessed by various test materials with the help of audiology department.

Plans are being made to achieve 100% results in the forthcoming year.



SENETRY OTITIS MEDIA CLINIC:

The object of this clinic is to detect hearing loss in children to prevent further complications.

ADHESIVE OTITIS MEDIA CLINIC:

The object of this clinic is to make irreversible pathology to reversible one thereby improving the hearing thresholds. It requires skill, sympathy and patients as it is a chronic condition with irreversible pathology. Now efforts are being made to prevent this condition or corrected with suitable surgical procedures.

CLEFT PALATE CLINIC:

Palatoplastics and pharyngoplastic was undertaken for the corrections of the speech and hearing problems gains are encouraging.

OTHER ACTIVITIES:

Apart from the above activities, spatedectomies are being done for the restoration of hearing under operating microscope.

Micro-laryngeal surgeries were also done for the correction of voice disorders. Excellent results have been obtained.

PHYSICAL TARGETS SET FOR THE YEAR:

1. To start the laboratory unit
2. To start the vertigo clinic
3. Additional staff resumed for the Department:  
one post of lecturer in Otorhinolaryngology.  
Laboratory technician, Lab attendant and a  
Dhobi.

Except the special activities as narrated above, the other targets were not achieved, however steps are being taken to fulfil the targets set already.



SENTRY OTITIS MEDIA CLINIC:

The object of this clinic is to detect hearing loss in children to prevent further complications.

ADHESIVE OTITIS MEDIA CLINIC:

The object of this clinic is to make irreversible pathology to reversible one thereby improving the hearing thresholds. It requires skill, sympathy and patients as it is a chronic condition with irreversible pathology. Now efforts are being made to prevent this condition or corrected with suitable surgical procedures.

CLEFT PALATE CLINIC:

Palatoplastics and pharyngoplastic was undertaken for the corrections of the speech and hearing problems gains are encouraging.

OTHER ACTIVITIES:

Apart from the above activities, spatedectomies are being done for the restoration of hearing under operating microscope.

Micro-laryngeal surgeries were also done for the correction of voice disorders. Excellent results have been obtained.

PHYSICAL TARGETS SET FOR THE YEAR:

1. To start the laboratory unit
2. To start the vertigo clinic
3. Additional staff resumed for the Department:  
one post of lecturer in Otorhinolaryngology.  
Laboratory technician, Lab attendant and a  
Dhobi.

Except the special activities as narrated above, the other targets were not achieved, however steps are being taken to fulfil the targets set already.



## ELECTRONICS

### FUNCTIONS

1. Teaching
2. Maintenance, servicing and calibration of electronic equipment.
3. Research and Development
4. Technical advice and assistance to external organisations

### ACTIVITIES DURING THE YEAR

#### 1. Teaching

The training programme in electronics, acoustics and instrumentation was carried out actively. The Post-graduate students are being assisted for their technical problems, to complete their dissertation and independent projects.

#### 2. Technical service

(Maintenance, servicing and calibration of equipment)

The staff have extended the co-operation of installing and testing the equipment in different departments.

Service: Major repairs	.. 60
Minor repairs	.. 25
Hearing aids repaired	..460
New Hearing aids tested and certified for free distribution.	..900
No. of electrical repairs carried out by Electrician	..490
New works carried out by the Electrician.	.. 43
External services	.. 5

#### Consultation services:

1. Design, drawings and estimation were prepared for new speech and hearing centre proposed at Father Muller's Hospital, Mangalore.

2. Consultation and technical assistance has been provided to J.J.Medical College, Davanagere for carrying out noise measurements at a large textile mill.



3. Two instruments i.e. Shock Aversion and Noise aversion units were fabricated for the EN.T. Department of the Govt. General Hospital, Madras.

4. Technical Assistance was rendered to the WHO financed workshop on Diagnostic Proformae held at the Institute during the month of September 1981.

5. Worth Trust, Katpadi, Tamilnadu: Intensive practical training for a period of six weeks was given to Mr. S. Doraiswamy, Engineer of the above organisation, in service and maintenance of electronic instruments used in the field of Speech and Hearing.

6. B.M. Institute, Ahmedabad: Three undergraduate students in Speech and Hearing were trained in servicing and calibration of speech and hearing instruments.

7. Post-graduate Institute of Medical Education and Research, Chandigarh: Two students of BSc Speech and Hearing of the above Institute were given training for two weeks in maintenance and calibration of Speech and Hearing Equipments.

8. Armed Forces Medical College, Pune: Two post-graduate students of E.N.T. were given basic training in Electronic instrumentation and calibration of Speech and Hearing equipments.

9. Workshop of Indian Speech and Hearing Association

In the workshop on servicing and repairing of equipments used by Speech and Hearing handicapped, training was imparted to the participants.

10. Workshop on aids for the Aurally handicapped

18 delegates from all over the country who participated in the said workshop were given intensive training both in theory and practicals in repairing and servicing of aids used by aurally handicapped.

Participation in Seminars, Guest Lectures delivered and Publications brought out

1. Technical assistance was extended to the Asian Regional Congress Conference on Mentally Retarded held at Mysore May, 1981.



2. Symposia on analytical instruments - present status and future trends conducted by Instruments Society of India at C.F.T.R.I. - 1981. Sri S. Narayana Raju participated.
3. Exhibition on 'Technology in service of the Disabled' conducted by Visveswaraya Industrial and Technological Museum held at Bangalore. Miss V.G. Jaishree and Mr. S. Narayana Raju organised the Speech and Hearing Section of the above exhibition and they also worked as guides of the stall.
4. Participated in the National Seminar on rehabilitation and Psychology of the Handicapped and delivered a guest lecture on 'Electronic Instrumentation'.
5. Delivered a lecture on invitation in the XIV Annual Conference of ISHA held at Mysore on 'Hearing aids' - present status.
6. Mr. S. Narayana Raju, Electronics Engineer participated in the seminar on 'Noise Measurements' conducted by the Bruel & Kjaer at Bangalore.
7. The other staff of electronics actively participated in the XIV ISHA Conference held at Mysore in January, 1982.

#### Reports and Plans

Mr. S.S. Murthy submitted a report to the Electronics Commission regarding the equipments required for the profession detailing their use in Clinical and Diagnostic works.

Submitted a report to the Dept. of Science and Technology on the staff and functions of the Institute.

Prepared plans and also supervised the work on Psychodrama Theatre and Behavior Therapy unit of the Psychology Department.



CLINIC - STATISTICS

CASES SEEN DURING THE YEAR 1981-82

New Cases	:	4742
Daily Average	:	16
Therapy Cases	:	8977
Daily Average	:	31
Repeat Cases	:	6866
Daily Average	:	24
Total No. of Cases	:	20585
Daily Average	:	72

AGE WISE

<u>Age Groups</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
0-5	455	281	736
5-10	396	283	679
10-20	594	399	993
20 and above	1583	751	2334
	<u>3028</u>	<u>1714</u>	<u>4742</u>

OPERATIONS DONE AT K.R. HOSPITAL

Major Operations	:	180
Minor Operations	:	72
Total	:	<u>252</u>

O.P.D. AT K.R. HOSPITAL

New Cases	:	5678
Old Cases	:	3486
Total	:	<u>9164</u>



DIAGNOSIS

No. of Cases

Hearing Loss	1492
Hearing loss and other problems	528
Stuttering	210
Misarticulation	90
Delayed Speech & Languages	130
Voice	113
Aphasia	15
Cluttering	14
Mental Retardation	325
Cerebral Palsy	12
Brain Damage	20
Normal	150
Incomplete (Did not stay for complete examination and advice)	241
ENT	1402

IN A NUT SHELL

Total No. of New Cases	4742
Speech and Hearing problems	2949
Incomplete cases	241
Normal	150
ENT problems	1402



STATEMENT SHOWING NEW CASES SEEN IN THE INSTITUTE

STATE-WISE AND OVERSEAS

(Excluding cases seen at K.R.Hospital and camps)

Sl No.	States	No. of cases
1	Karnataka	4,200
2	Kerala	210
3	Tamil Nadu	150
4	Andhra Pradesh	151
5	Union Territories	5
6	Assam	1
7	Gujarath	1
8	West Bengal	1
9	Uttar Pradesh	3
10	Maharashtra	8
11	Orissa	-
12	Madhya Pradesh	-
13	Rajastan	1
14	Bihar	4
15	Punjab	1
16	Haryana	-
17	Jammu and Kashmir	1

Overseas

Middle East

5

4742



### LIBRARY

The services rendered to the users at its best. The card catalogue of books were made upto date.

We have added 28 new Journal titles to our already well acquired family of Journals.

Inter-Library Loan, Reference Services, Specific and special bibliographies were provided.

The library have acquired teakwood trible staged cubicles for the benefit of the readers in the library.

A subject bibliography of books available in our library were compiled on the specific topics like, Audiology-Otology and Audiology, Educational Audiology, Language and Learning disabilities, Aphasia, Cerebral Palsy, Dyslexia, Education of the Deaf, Speech and Language Disorders, Stuttering; and Voice and Articulation. The same was brought out in the book form and made available to the specialists at the XIV ISHA Conference.

Shri M.V.Govindarajan represented at the XIV ISHA Conference as an Organising Committee Member.

Shri Mahadeva, Cataloguer participated in the IASLIC Conference at Waltair.

#### Statistics of the Library

1. No. of books issued to students and staff	16,371
2. No. of books referred by -do-	16,500
3. Average issue per day	90
4. Total No. of books	6,450
5. No. of books added	449
6. No. of Journals subscribed	80
7. No. of New Journals added	28
8. No. of Journals exchanged	7
9. Total No. of Journals received	96



PUBLICITY & INFORMATION

During the year under report there has been an improvement in the field work. A total number of 6412 cases were examined in 18 camps of 27 days' duration. Both the staff and the students participated very enthusiastically. Every opportunity was given to the new students to acquaint themselves with field work and they were also benefitted because they were exposed to a variety of cases.

CAMPES HELD DURING 1981-82

date	Place	Cases
<u>1981</u>		
3.5.1981	Kalpetta	257
10-11th Oct.	Bellary	480
12-13th Oct.	Hospet	884
14-15th Oct.	Raichur	442
22nd Nov.	Kushalnagar	270
1st Dec.	Davangere	245
2nd Dec.	Harihar	182
3-4th Dec.	Chickmagalur	386
12th Dec.		
13th Dec.	Chamarajanagar	408
14th Dec.	Gundlepet	350
25th Dec.	Hirekerur	336
26th Dec.	Rattehalli	244
<u>1982</u>		
9-10th Jan.	Sindhanur	366
12-13th Jan.	Sandur	572
15-16th Jan.	Pennukoda	209
7th Feb.	Bylakuppe	250
21st and 22nd Feb.	Vijayawada	436
28th March	Suntikoppa	95

SURVEY:

Under the School Screening Programme 300 School going children were examined for speech and hearing problems.

EXHIBITIONS:

The Institute participated in the following exhibitions:

1. 3rd May to 8th May 1981  
Combined A.R.C. Congress held at Bangalore.
2. 13th Sept. to 15th Sept. 1981  
Exhibition on 'Technology in the service of the handicapped' organised by the Viswesweraaya Industrial Technological Museum, Bangalore.
3. 9th September to 13th September 1981.  
Exhibition organized by the Kalaniketan of Belgaum on 'Achievement of the Handicapped'.

CELEBRATIONS:

On 7th April 'World Health Day' was observed. A survey for the speech and hearing disorders was conducted in a nearby village where 400 families were interviewed. In the evening a documentary film on the Institute was screened.



On 9th August XVII Anniversay of the Institute was celebrated. Smt Lakshmi R. Nizamuddin, President, NASOEH (Karnataka) was the Chief Guest. Rtn. R.Vasudeva Murthy, Rotary Governor, Dist. 381 presided. Mr Farooq.K.Irani an Industrialist and one of the Executive Council Members of the Institute distributed prizes and certificates. The cases attending therapy and the students of the Institute gave variety entertainment programmes.

32nd Vanamohatsava was celebrated on 10th April in the Institute campus.

World Day of the Mentally Retarded was observed at Ashokpuram - an area of Harijans, Mysore in collaboration with the Rotary Club of Mysore.

#### WORKSHOPS:

Two All-India level Workshops were held in addition to a Pre-Congress (ARC) Workshop on Communication Skills in the Speech and Hearing handicapped from 27th April to 1st May 1981.

- I: Diagnostic proformae in Speech and Hearing -  
14th September to 20th September 1981
- II: Aids for the Aurally handicapped - 12th  
October to 20th October 1981.

#### VISITORS:

1463 members from 32 institutions visited the Institute.

#### PUBLICATIONS:

XII Volume of the AIISH Journal was released.

'Vanitha' a Kannada women's monthly magazine published a photo-feature on the Institute in their September issue.

#### PRESS AND THE PUBLIC:

The Institute enjoyed a very good coverage in the Press and the public was kept informed of the many programmes undertaken and the views and opinions of the experts and the specialists on the rehabilitation of the handicapped.

#### PARTICIPATIONS IN THE CONFERENCE:

The Publicity & Information Officer participated in



GENERAL ADMINISTRATION

The General Administration of the Institute which continued to be under the leadership and guidance of Sri S.Shankar, Administrative Officer, rendered the required timely support and assistance to the different departments and units/sections in accomplishing the objectives enshrined in the Memorandum of Association.

During the year under review, the office was re-organised by starting two new sections namely, Personnel & Vigilance Cell and General Section. The functioning of the office was stream-lined and certain procedures were simplified besides devising standard formats for day-to-day use thereby reducing clerical work.

The general administration also paid special attention in introducing/implementing social security measures and to the staff welfare.

With a view to have a nice lawn and to improve the present gardening, sprinklers system was procured and put to use.

SRI S. SHANKAR, ADMINISTRATIVE OFFICER

- 1 Participated in a Seminar on Administration & Financial Management in voluntary organisations organised by National Institute for Public Co-operation and Child Development held at Bangalore during 14th & 15th May, 1981.



2 Published following popular articles:

- (a) "OURSELVES" (AIISH) in the Souvenir of First A.R.C. Pre-Congress Work Shop on Development of Communication Skills among the Mentally Retarded - April-May, 1981
- (b) I.Y.O.P. 1981 Ibid
- (c) MANAVA HAKKUGALU (Human Rights) in Kannada Prabha - December 1981

3 Editor of

- (a) Souvenir of A.R.C. Pre-Congress Work Shop on Development of Communication Skills among the Mentally Retarded - April-May, 1981
- (b) Souvenir of ISHA Conference - January 1982

4 Was associated with the following Committees:

- (a) Chairman, Managing Committee of AIISH Departmental Canteen;
- (b) Member-Secretary and Liaison Officer of the Official Language Implementation Committee;
- (c) Member of the Reception Committee of Work Shop on 'Diagnostic Proformae in Speech and Hearing';
- (d) Member of Library Standing Committee;
- (e) Member of Hostels Advisory Committee; and
- (f) Member of Agri-Horticulture Committee.



TRAINING ACADEMIC

1. No. of admissions made for the year 1981-82:

I B.Sc.	-	19
II B.Sc.	-	18
III B.Sc.	-	17
I M.Sc.	-	12
II M.Sc.	-	13

2. No. of students qualified during the year 1981-82:

	<u>No. appeared</u>	<u>No. passed</u>
I B.Sc.	- 19	17
II B.Sc.	- 17	17
III B.Sc.	- 16	15
I M.Sc.	- 12	12
II M.Sc.	- 15	15

3. No. of Research Fellows working at the Institute as on 31.5.82

Five



OFFICIAL LANGUAGE IMPLEMENTATION

Article 343 of the Constitution of India lays down that the official language of the Union shall be Hindi in Devanagari Script. Under Article 351 of the Constitution it shall be the duty of the Union to promote the spread of the Hindi language to develop it, so that it may serve as a medium of expression for all the elements of the composite culture of India and to secure its enrichment by assimilating.

According to Section 3(3)(i) of the Official Language Act 1963 (as amended in 1967 by the Official Language (Amendment) Act, 1967) both Hindi and English shall be used in resolutions, general orders, rules, notifications, administrative or other reports or press communiques issued or made by the Central Govt or by a Ministry, Department or Company owned or controlled by the Central Government or by any office of such Corporation or Company.

In pursuance of the above provisions, the Institute is also using the official language Hindi. In addition, under the Hindi Teaching Scheme, imparting training in Hindi to the Central Govt. employees is obligatory. Hindi classes were conducted in the Institute during 1981-82 and 29 members of the staff were deputed for training.

An Official Language Committee has also been constituted which met four times during the year and certain important decisions taken by the Committee were placed before the Official Language Town Implementation Committee and the meeting of all Liaison Officers of the city held under the auspicious of the Ministry of Home Affairs on 12.2.1982. The Hindi Translator appointed by the Institute is attending to translation of circulars, forms and letters received from cases. During the year, Public Education Pamphlets were also translated and published in Hindi for the use of patients and visitors.

A library of Hindi books was also established in the office and the same is being used by the staff and the students.

The following statement indicates number of employees appeared for the exam and number passed:

<u>Year</u>	<u>Examinations</u>	<u>No. Appeared</u>	<u>No. passed</u>
1981 June	Pragya	3	Nil



ADVISORY COMMITTEES 1981-82

The following advisory committees were constituted for improvement and better management of the functions assigned to each of the committees.

1. Library standing committee:

Mrs. Saraswathi Menon	..	Chairman
All the Heads of the Depts	.	Members
Administrative Officer	..	Member
Junior Accounts Officer	..	Coopted as a Member
Librarian	..	Secretary

2. Agri-Horticulture Committee:

Dr.J.Bharath Raj,		
Prof. & HOD - Clinical		
Psychology	..	Chairman
Mr N P Nataraja,		
Lecturer in Speech		
Pathology	..	Member
Mr S Shankar		
Administrative Officer	..	Member
Secretary, Co-operative		
Stores	..	Member
(Mr. M.V.Govindarajan)		
Mr K H Radhakrishna	..	Member - Secretary
Office Superintendent		

The above two committees used to meet periodically.

3. Advisory Committee for Hostels:

Dr(Miss) Shailaya Nikam		
Prof. & HOD - Audiology	..	Chairman
Mr S S Murthy		
Lecturer in Electronics	..	Member
Warden, AIISH - Hostels		
(Sri N P Nataraja, Lectu-	..	Member - Secretary
rer in Speech Pathology)		
Mr. S Shankar		
Administrative Officer	..	Member
Two representatives, each		
selected from Gents' &	..	Member
Ladies' Hostels		

The above committee used to meet once in a month and discuss the matters relating to Hostels.

4. AIISH - Departmental Canteen Committee:

Mr. S Shankar		
Administrative Officer	..	Chairman
Mr. K H Radhakrishna	..	Hon.Secretary upto
Office Superintendent		19.10.81



Mr J D Samuel	..	Member
Lecturer in Audiology		
Miss. S. Padmavathi Bai	..	Member from Group.
Sr. Stenographer		'C' staff
Mrs H P Umasesaraswathi	..	Lady member nominated by the Chairman
Hindi Translator		
Mr Bhim Bahadur	..	Member from Group
Peon		staff
Mr Rajappa M., Cook	..	Representative of Canteen workers, nominated by the Chairman

The Committee constituted for a period of three years from 1.4.81 to 31.3.84, to look after the matters connected with canteen.

5. OFFICIAL LANGUAGE IMPLEMENTATION COMMITTEE:

Dr.N.Rathna, Director	..	Chairman
Mr S Shankar		
Administrative Officer	..	Member - Secretary & Liaison Officer
Mrs H P Umasesaraswathi	..	Member
Hindi Translator		
Dr. Varadaraja Gupta	..	Member
Representative from Hindi Teaching Scheme		

The members of the committee meet once in a quarter and discussed the use and progress of the Official Language.



WORKS AND PURCHASE

WORKS

BUILDINGS:

1. The construction of first floor over the Clinic Block for the Department of Psychology and Administrative Wing is in the final stage.
2. The first phase of construction of ten staff quarters (Type A, B & C) has been completed and allotted to the staff during April 1982.
3. The second phase of Construction of ten staff quarters (Type A, B and C) the work of which commenced during February, 1981 is likely to be completed by the end of July, 1982.
4. The construction of Audiology block is complete. However servicing Air-conditioning plant which is pending is being attended to.

PURCHASE

EQUIPMENT:

Equipment as indicated below have been purchased for the respective departments.

1.	Department of Speech Pathology	Rs.1,59,583.00
2.	Department of Audiology	Rs.1,53,818.00
3.	Department of Cli.Psychology	Rs. 44,900.00
4.	Department of E.N.T.	Rs. 77,711.00
5.	Office Equipment	Rs. 46,000.00
6.	Electronics	Rs. 32,852.00
		<u>Rs.5,14,864.00</u>



PERSONNEL

STAFF POSITION

Sl. No.	Category	Sanctioned Posts			Existing Staff			Remarks
		Perma- nent	Tempo- rary	Total	Perma- nent	Tempo- rary	Total	
1	Group 'A'	15	3	18	5	9	14	
2	Group 'B'	3	2	5	2	2	4	
3	Group 'C'	35	7	42	28	12	40	Includes 2 part-time pos
4	Group 'D'	25	4	29	21	8	29	Includes 3 Canteen posts
Total		78	16	94	56	31	87	

Vacant posts as on 31.3.1982

1. Reader in Speech Pathology - 1 post
  2. Lecturer in Speech Sciences - 1 post
  3. Lecturer in Linguistics - 1 post
  4. Lecturer in Clinical Psychology - 1 post
  5. Research Officer - 1 post
  6. Clinical Assistant (Psychology) - 1 post
  7. Artist-cum-Photographer - 1 post
- Total 7 posts

DIRECTOR

Dr. N. Rathna, MS (Hunter), MS (Gallaudet), MAT EdD (INDIANA)

ADMINISTRATIVE OFFICER

Sri S. Shankar, MA (Pub. Admn.), MA (Pol. Sci.), BL, RBV



## DEPARTMENT OF SPEECH PATHOLOGY

1	Professor & Head of the Department	Smt. Saraswathi Menon, MA (Speech)
2	Reader in Speech Pathology	Vacant
3	Lecturer	Sri N.P. Nataraja, M.Sc. (Speech & Hearing)
4	Lecturer	Sri G. Purushothama, M.Sc. (Speech & Hearing)
5	Clinical Assistant	Sri P. Chandra, B.Ed.
6	Clinical Assistant	Sri MB Purushothama, B.Sc. (Sp. & Hg.)
7	Research Assistant	Sri MG Subramaniaiah, M.Sc. (Speech & Hearing)
8	Itenerant Speech Therapist	Smt. Indira Prakash, B.Sc. (So. & Hg.)
9	Junior Stenographer w.e.f. 21.11.1981	Smt. N. Parimala
10	Peon	Sri B. Siddhiah
11.	Clinical Attendant w.e.f. 14.9.81	Sri S. Muralidhara

## ELECTRONICS

1	Lecturer	Sri SS Murthy, M.Sc (Tech.)
2	Electronics Engineer	Sri S. Narayana Raju, B.Sc, AMIE
3	Scientific Assistant w.e.f. 6.5.81 F/N	Smt. VG Jaishree, B.E.
4	Technical Assistant w.e.f. 9.3.82	Sri RD Rajendran, B.E.
5	Part-time Electrician w.e.f. 7.5.1981	Sri Prakash
6	Peon	Sri D Krishnaiah

## DEPARTMENT OF AUDIOLOGY

1	Professor and Head of the Department	Dr. (Miss) S. Shailaja Nikam, MA (Psy) MA (Sp) Ph.D. (Aud. & Sp.Sc.)
2	Lecturer	Sri MN Vyasamurthy, M.Sc. (Sp. & Hg.)
3	Lecturer	Sri PJ Kumar, M.Sc. (Sp. & Hg.)
4	Lecturer	Sri JD Samuel, M.Sc. (Sp. & Hg.)
5	Clinical Assistant	Sri EP Balakrishnan, MA, MEd, M.Sc.
6	Clinical Assistant	Smt. Sowmyamala, B.Sc. B.Ed.
7	Research Assistant	Smt. MA Mythili, M.Sc. (Sp. & Hg)
8	Research Assistant	Sri GA Latthe, M.Sc. (So. & Hg.)
9	Prosthetic Dental Mechanic	Sri G. Nagarajan
10.	Junior Stenographer	Smt. R. Rajalakshmi



DEPARTMENT OF CLINICAL PSYCHOLOGY

- |   |                                    |   |
|---|------------------------------------|---|
| 1 | Professor & Head of the Department | Dr. J. Bharathraj, MA (Psy), DPM, Ph.D. |
| 2 | Reader w.e.f. 13.7.1981 F/N        | Sri P. Kalaiah, MA (Psy) DM & SP        |
| 3 | Lecturer                           | Smt. AD Bhaveni, MA (Psy) BED, DM&SP    |
| 4 | Clinical Assistant                 | Smt. Iffath Aslam, BA, B.Ed.            |
| 5 | Senior Stenographer                | Smt. S. Padmavathi Bai                  |
| 6 | Peon                               | Sri Basavalingaiah                      |

DEPARTMENT OF OTOLARYNGOLOGY

- |   |  |  |
|---|--|--|
| 1 | Reader & Head of the Department          | Dr (Miss) MV Susheela, MBBS,<br>DLO, MS (ENT)  |
| 2 | Reader on Deputation upto 12.3.82<br>A/N | Dr. J. Narayana, MBBS, MS (ENT)                |
| 3 | Lecturer                                 | Dr. K. Rathnasabhapathi, MBBS<br>DLO, MS (ENT) |
| 4 | Staff Nurse                              | Smt. M.G. Mariamma                             |
| 5 | Staff Nurse                              | Smt. J. Raguna                                 |
| 6 | Ward Boy                                 | Sri S Mallaiah                                 |

LIBRARY

- |   |            |                                     |
|---|------------|-------------------------------------|
| 1 | Librarian  | Sri MV Govindarajan, MA, B.Lib.Sci. |
| 2 | Cataloguer | Sri M Mahadeva, MA, B.Lib.Sci.      |
| 3 | Daftry     | Sri S. Ameer Ahmed                  |

MEDICAL RECORDS

- |   |   |                               |
|---|---|-------------------------------|
| 1 | Assistant Medical Records<br>Officer w.e.f. 1.9.81 F/N            | Sri CD Shanbal                |
| 2 | UDC   | Sri BS Gururaja, BSc, DMR Sc. |
| 3 | UDC on pro-tempore basis worked<br>in the section upto 7.9.81 A/N | Sri N Ramachandra Rao         |
| 4 | As Peon worked upto 27.9.81 A/N                                   | Sri Madhu                     |
| 5 | Peon w.e.f. 1.10.81 worked in<br>the section upto 5.1.82 A/N      | Sri S. Siddaiah               |
| 6 | Peon  | Sri Bhim Bahadur              |

PUBLICITY AND INFORMATION

- |   |                               |                     |
|---|-------------------------------|---------------------|
| 1 | Publicity Information Officer | Sri K. Md. Fazlulla |
| 2 | Artist-cum-Photographer       | Vacant              |
| 3 | Part-time Artist              | Sri GV Ganashaiah   |



OFFICE AND OTHERS

1	Office Superintendent	Sri KH Radhakrishna, MA, B.Com.
2	Junior Accounts Officer	Sri HJ Yoganarasimhachar, B.Sc.
3	Accountant	Sri SL Vijayanarasimha, B.Com.
4	Hindi Translator	Smt. HP Umasaraswathi, MA, BSc, RBP, Diploma in Translation
5	UDC in Selection Grade w.e.f. 13.7.1981	Sri SG Gopinath
6	UDC	Sri MP Pandurangaraj Urs
7	UDC	Sri NS Subramanya
8	Store Keeper	Sri Basavaiah, MA
9	Care Taker	Sri L Siddaiah
10	Junior Stenographer	Sri MH Sanjeevamurthy
11	LDC in Selection Grade	Sri N Ramachandra Rao
12	LDC	Sri GR Prakash
13	LDC	Sri R Kannan
14	LDC	Sri MB Shankar
15	LDC	Sri Mallikarjuna, BA
16	Starr Car Driver	Sri MK Ramappa
17	Omni Bus Driver	Sri A Jesurathnam
18	Sri PB Jeevan	Junior Gestetnor Operator up to 21st September 1981
19	Peon upto 27.9.81 and Junior Gestetnor Operator w.e.f. 28.9.1981(F/N)	Sri Madhu
20	Peon	Sri KM Venkatesh
21	Watchman in Selection Grade	Sri Thimmappa
22	Watchman	Sri Dasappa
23	Watchman	Sri Padam Bahadur
24	Watchman	Sri Shivappa
25	Watchman	Sri Kannappan
26	Peon	Sri Bhim Bahadur
27	Peon w.e.f. 6.2.1982 F/N	Sri S Siddaiah
28	Mali in Selection Grade	Sri Chowdaiah



DEPARTMENT OF CLINICAL PSYCHOLOGY

- |   |                                    |                                       |
|---|------------------------------------|---------------------------------------|
| 1 | Professor & Head of the Department | Dr. J. Bharathraj, MA (Psy), DPM, PhD |
| 2 | Reader w.e.f. 13.7.1981 F/N        | Sri P. Kalaiah, MA (Psy) DM & SP      |
| 3 | Lecturer                           | Smt. AD Bhaveni, MA (Psy) BED, DM&SP  |
| 4 | Clinical Assistant                 | Smt. Iffath Aslam, BA, B.Ed.          |
| 5 | Senior Stenographer                | Smt. S. Padmavathi Bai                |
| 6 | Peon                               | Sri Basavalingaiah                    |

DEPARTMENT OF OTOLARYNGOLOGY

- |   |  |  |
|---|--|--|
| 1 | Reader & Head of the Department          | Dr (Miss) MV Susheela, MBBS,<br>DLO, MS (ENT)  |
| 2 | Reader on Deputation upto 12.3.82<br>A/N | Dr. J. Narayana, MBBS, MS (ENT)                |
| 3 | Lecturer                                 | Dr. K. Rathnasabhapathi, MBBS<br>DLO, MS (ENT) |
| 4 | Staff Nurse                              | Smt. M.G. Mariamma                             |
| 5 | Staff Nurse                              | Smt. J. Raguna                                 |
| 6 | Ward Boy                                 | Sri S Mallaiah                                 |

LIBRARY

- |   |            |                                     |
|---|------------|-------------------------------------|
| 1 | Librarian  | Sri MV Govindarajan, MA, B.Lib.Sci. |
| 2 | Cataloguer | Sri M Mahadeva, MA, B.Lib.Sci.      |
| 3 | Daftry     | Sri S. Ameer Ahmed                  |

MEDICAL RECORDS

- |   |   |                               |
|---|---|-------------------------------|
| 1 | Assistant Medical Records<br>Officer w.e.f. 1.9.81 F/N            | Sri CD Shanbal                |
| 2 | UDC   | Sri BS Gururaja, BSc, DMR Sc. |
| 3 | UDC on pro-tempore basis worked<br>in the section upto 7.9.81 A/N | Sri N Ramachandra Rao         |
| 4 | As Peon worked upto 27.9.81 A/N                                   | Sri Madhu                     |
| 5 | Peon w.e.f. 1.10.81 worked in<br>the section upto 5.1.82 A/N      | Sri S. Siddaiah               |
| 6 | Peon  | Sri Bhim Bahadur              |

PUBLICITY AND INFORMATION

- |   |                               |                     |
|---|-------------------------------|---------------------|
| 1 | Publicity Information Officer | Sri K. Md. Fazlulla |
| 2 | Artist-cum-Photographer       | Vacant              |
| 3 | Part-time Artist              | Sri GV Ganashaiah   |



OFFICE AND OTHERS

- 1 Office Superintendent Sri KH Radhakrishna, MA, B.Com.
- 2 Junior Accounts Officer Sri HJ Yoganarasimhachar, B.Sc.
- 3 Accountant Sri SL Vijayanarasimha, B.Com.
- 4 Hindi Translator Smt. HP Umasaraswathi, MA, BSc, RBP,  
Diploma in Translation
- 5 UDC in Selection Grade  
w.e.f. 13.7.1981 Sri SG Gopinath
- 6 UDC Sri MP Pandurangaraj Urs
- 7 UDC Sri NS Subramanyasa
- 8 Store Keeper Sri Basavaiah, MA
- 9 Care Taker Sri L Siddaiah
- 10 Junior Stenographer Sri MH Sanjeevamurthy
- 11 LDC in Selection Grade Sri N Ramachandra Rao
- 12 LDC Sri GR Prakash
- 13 LDC Sri R Kannan
- 14 LDC Sri MB Shankar
- 15 LDC Sri Mallikarjuna, BA
- 16 Starr Car Driver Sri MK Ramappa
- 17 Omni Bus Driver Sri A Jesurathnam
- 18 Sri PB Jeevan Junior Gestetnor Operator up to  
21st September 1981
- 19 Peon upto 27.9.81 and Junior  
Gestetnor Operator w.e.f.  
28.9.1981(F/N) Sri Madhu
- 20 Peon Sri KM Venkatesh
- 21 Watchman in Selection Grade Sri Thimmappa
- 22 Watchman Sri Dasappa
- 23 Watchman Sri Padam Bahadur
- 24 Watchman Sri Shivappa
- 25 Watchman Sri Kannappan
- 26 Peon Sri Bhim Bahadur
- 27 Peon w.e.f. 6.2.1982 F/N Sri S Siddaiah
- 28 Mali in Selection Grade Sri Chowdaiah



29	Mali	Sri Marinnanjaiah
30	Mali	Sri Mahadeva
31	Mali	Sri Papanna
32	Sweeper in Selection Grade	Sri Hoblaiah
33	Sweeper	Sri Rama
34	Sweeper	Sri Nanjaiah
35	Sweeper	Smt. DN Padma
36	Cook (Gents Hostel)	Sri K Ramaswamy
37	Cook (Ladies Hostel)	Smt. TN Gowramma
38	Mali on daily wages w.e.f. 1.5.1981 F/N	Sri C Chowdaiah
39	Mali on daily wages w.e.f. 1.5.1981 F/N	Sri Madaiah

DIRECTOR'S OFFICE

1	Senior Stenographer	Sri T Keshava Murthy
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APPOINTMENTS

1	Scientific Assistant w.e.f. 6.5.1981	Ms VG Jaishree
2	Part-time Electrician w.e.f. 7.5.1981	Sri Prakash
3	Junior Stenographer w.e.f. 11.5.1981	Smt. R Rajalakshmi
4	Reader in Clinical Psychology w.e.f. 13.7.1981	Sri P Kalaiah
5	Asst. Medical Records Officer w.e.f. 1.9.1981	Sri CD Shanbol
6	Clinical Attendant w.e.f. 14.9.1981	Sri S Muralidhara
7	Peon w.e.f 1.10.1981	Sri S Siddaiah
8	Research Assistant with effect from 9.11.81	Sri GA Latthe
9	Junior Stenographer w.e.f. 21.11.1981	Smt. N Parimala
10	Professor of Speech Pathology w.e.f. 29.12.1981	Smt. Saraswathi Menon
11	Technical Assistant w.e.f. 9.3.1982	Sri RD Rajendran



PROMOTIONS

Sl No.	Name & Disignation	Promoted as	w.e.f.
1	Sri Madhu, Peon	Jr.Gestetnor Operator	28.9.1981

TERMINATION

1	Smt. P Shamanthakamani, BSc.	Jr.Stenographer	16.4.1981 A/N
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SELECTION GRADE

The following Staff were granted Selected Grade:

1	Sri SG Gopinath, UDC	13.7.1981
2	Sri N Ramachandra Rao, LDC	13.7.1981
3	Sri S Ameer Ahmed, Daftry	2.8.1981



WELFARE ACTIVITIES

POOR PATIENTS WELFARE FUND

WELFARE ACTIVITIES

Receipt and Payments for the year 1981-82

opening Balance:

Cash	- 1,050.76	9,070.78	Payments during	
Bank	- 8,020.02		the year	968.00
Receipt during				
the year	345.00		<u>Closing Balance</u>	
			Cash- 427.76	
			Bank- 8020.02	8,447.78
Total		<u>9,415.78</u>		<u>9,415.78</u>

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DEPARTMENTAL CANTEEN

In accordance with the instructions issued by the Ministry of Home Affairs, 'A' type Tiffin Room was established in 1976 and has been functioning since then to cater the needs of the staff, students and cases visiting the Institute.

The Canteen has been functioning smoothly and rendering the required services. During the year under review, the Canteen has also undertaken dealership for hearing aids and had earned a profit of Rs.15,836.19. With the profit so earned, a Staff Welfare Fund was established and the entire profit earned through sale of hearing aids was transferred to the Staff Welfare Fund.

The Executive Council of the Institute has very kindly declared the employees of the Canteen as the employees of the Institute and the Executive Council has also been pleased to grant approval for introduction of CPF, Gratuity, Medical and Leave benefits to the employees of the Canteen.

STAFF WELFARE FUND

In order to promote the Welfare of the staff of the Institute a fund styled Staff Welfare Fund was constituted during December 1981, the source being the donations from the Departmental Canteen, interest on loans and nominal subscription from members.

The scheme among other things is envisaged.

- to grant a sum of Rs.1,000/- to the family of the staff member who dies while in service
- to provide monetary assistance to members of staff repayable in convenient instalments on nominal interest. p.m.
- to provide text books, note books, pencils, erasers etc. free of cost to staff whose basic pay is upto Rs.350/- p.m.

As on 31.3.82 there were sixty members and 42 Text books and



The position on 31.3.82 is as under:-

Receipt and Payments for the year 1981-82:-

	Rs.p.		
Opening Balance	Nil		
Donation	16,960.20	Stationery	10.
Membership fees	67.00	Advance to staff	10,000.350.
Loan Recovery	1,475.00	Salary	75.
Interest	333.11	Cash in hand	15.75
		Cash at Bank	384.56
			400.
	<u>18,835.31</u>		<u>18,835.</u>

CO-OPERATIVE SOCIETY

It was unanimously resolved in the staff meeting of the Institute to start a Co-operative Society at the Institute. To fulfil this task a Committee of promoters was formed from among the staff members with Mr M V Govindarajan as the Chief Promoter.

The Society came into being with the sanction by the Asst. Registrar of Co-operative Societies vide Certificate of Registration No. ARM/PLN/RGN/5423/79-80 dated 5.4.1980.

The first General Body of the Society was held on 14th April 1980 and the following office bearers were elected.

Dr. N Rathna	Ex-Officio	.. President
Mr M V Govindarajan		... Hon. Secretary
Mr P Chandra		... Hon. Treasurer
Mr N P Nataraja		
Mr M B Purushothama		
Mr S Gopal		Directors
Mr M M Ashok Kumar		
Mr R Sridhar		
Mr Kushal Raj		

The Society started functioning from 24th April 1980. It catered the members and the Hostels with Food grains, Stationery, Cosmetics, Confectionery etc.

The main objective of the Society was to deal with Hearing Aids at Concessional rates to the cases. This was achieved during the month of April 1981 and within two months before the year end (June 1981) it could sell nearly 50 hearing aids.

The society managed to get the Cpvt. share as well as the managerial subsidy from the State Government of Karnataka.

By the end of June 1981, the Society had made a net profit of nearly Rs.8500/-

The same Managing Committee is being continued, since the Karnataka Government has...