

A

ANNUAL REPORT

1976-77 - 81

(1-4-76 to 31-3-77)

ALL INDIA INSTITUTE OF SPEECH AND HEARING
MANASAGANGOTHRI, MYSORE 570006
SOUTH INDIA



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HIGHLIGHTS OF THE YEAR IN RETROSPECT

The hard work of the previous two years has built up a firm foundation. Sustained efforts to keep the rate of improvement going, were made during 1976-77. The Administrative Reforms have brought most of the procedures to conform to good standards. Most of the important decisions were taken with the help of committees. The relations with other institutions, Government and Quasi-Government bodies and the Government of Karnataka have improved and co-operation is available readily from most sources.

1. Health-Care:

Clinical services were further strengthened. The patients load which was a meagre 14,000 for the year ended 31st March 1974 has almost quadrupled in 1977 (year ending on 31st March). This is a good and reliable measure of the confidence the Institute has infused in the community. One of the most important factors of this confidence is the fact that the integrated services are being provided in place of sectional services. A patient who comes for voice problem or hearing loss is taken care of fully and a total rehabilitation is given to him through clinical, medical and surgical avenues, from promotive, preventive, curative and rehabilitative point of view.

The collaboration with K.R.Hospital continued and all major and minor surgeries were done at that hospital. There is a great demand for the specialised surgery the kind of which is not easily available around. The number

of operations done during the year under consideration have gone upto 568 from the previous years' figure of 430. The waiting list for operation continued to swell and is estimated at $2\frac{1}{2}$ to 3 years.

The variety of cases for the diagnostic & rehabilitative procedures has vastly improved. The Speech Pathology audiology and Psychology Departments are not starved for variety of cases. Additional work is being done by all these departments to cope with this load.

To extend the health-care to the rural areas, 24 camps of Speech and Hearing and ENT at various places were held and more than 24,000 cases were examined for various disorders. This has provided facilities to economically weaker rural population and in giving public education.

2. Education and Training:

In Conformity with the change in the pattern of University Education, Semester System was introduced both at the under-graduate and post-graduate levels at this Institute. Further attempts were made to correct the inadequacies in the Educational Programme to revamp the syllabi in a systematic and scientific manner with a view to make it easy for the students to understand the subjects and to learn them step by step in logical sequence. The venue of lectures in Medical subjects continued to be at the Institute except where it was essential for the students to be sent to the

Medical College premises. This lead to substantial saving of teaching hours. Additional teaching materials such as Models, Specimens etc. were acquired.

The number of admissions for the 1st Semester BSc was raised from 15 to 20. The results of Final BSc and MSc are indicative of the keen interest and industry of the teachers and the taught. There has been 100% success in both BSc and MSc examinations. 50% of the students secured 1st Class in MSc whereas about 15% of the students passed in 1st Class in BSc. The Institute has succeeded in procuring three Junior Research Fellows from Council of Scientific and Industrial Research, three from the University Grants Commission through the University of Mysore. The Institute has also created four Fellowships, of which, one has been filled. The research done by these Fellows are likely to lead to Ph.D of the University of Mysore.

Orientation courses were given for short periods to the Post-graduates in ENT, Pediatrics and also to the Regional College Students who would be the future teachers in Schools and Colleges.

A large contingent of staff and students attended the Annual ISHA Conference held at Bangalore, on 7/8th Jan.1977 and contributed in all, 16 papers.

The weekly clinical conferences and journal clubs were held regularly and the standard of presentation and

discussion has considerably improved. Frequent meetings of concerned staff and students to discuss the interesting and important cases were held wherever required. In spite of lack of full-fledged artist, Slides and Demonstration materials were made available with the help of sister institutions. Requirements of each Department were processed and supplied.

3. Research:

There are six Research Fellows working on different proposals and there will be addition of a few more every year. Efforts of the previous year with the Funding Agencies such as ICMR, CSIR, UGC, were continued to get grants for research and Fellowship. The Research Projects submitted to the following Agencies are under their consideration and we hope to get clearance from them in the near future. The Indo-Danish Collaboration is in the final stage of approval with the Government of India.

| | | |
|------------------------------------|--------|---------------|
| 1. Indo-Danish collaboration | ... | Rs. 34,00,000 |
| 2. SRS .. | | Rs. 12,00,000 |
| 3. Purely Central Scheme of grants | ... | Rs. 2,07,000 |
| 4. Colombo Plan | ... | |
| 5. Nuffield Foundation | ... | Rs. 80,000 |

Ten new topics for research were taken by the students and staff of the Institute in the form of Dissertations for their Master degrees in Speech and Hearing.

4. Administration:

All round administrative reforms were made and the procedures were standardised as a result of which considerable economy and efficiency have been achieved. Action was taken to fill up all the vacant and newly created posts. Six appointments were made during the year. For filling up the post of Junior Otolaryngologist, deputation from Karnataka Health Services is requested for and it is expected to be filled shortly.

5. General:

Efforts were made to improve buildings and the surroundings in the campus. A number of trees were planted and a lawn laid out in front of the Institute building. Plans and Projects of each department and of the Institute were discussed and designed by Committees and were sent to the Ministry as and when required.

A proposal has been put up to the Health Ministry, Government of Karnataka, to include a training and orientation programme in Speech and Hearing for medical and paramedical personnel of the Department of Health, Govt. of Karnataka at Sikkalvar near Bangalore where a collaboration between the Health Department of Karnataka and National Institute of Mental Health and Neuro-Sciences, Bangalore, has been established. This would go a long way in giving basic coverage of Speech and Hearing care to especially the rural areas in the long run.

Long awaited Speech & Audiology Block is nearing completion. The design and plan of the Audiology Block is very complex and difficult as we have to provide both sound-proofing as well as air-conditioning for these rooms. This was done with the co-operation of Dr. B.S. Ramakrishna, Chairman, Electrical Sciences Division, Indian Institute of Science, Bangalore, who has agreed to be our Consultant. With the availability of this Block during next year, the congestion and the acute need for space will be, to some extent, relieved.

While much has been done, much more remains to be done in the years to come.

ANNUAL REPORT FOR THE YEAR 1976-77

1-4-76 to 31-3-77

INTRODUCTION

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

With effect from 28th August, 1974, a technical Director assumed the charge of the Institute.

GENERAL

There are about 36 to 100 million people afflicted with Speech and Hearing problems in India. Tackling this problem is a gigantic effort which needs support and help from all quarters.

The Institute being only one of its kind in South East Asia, it has to play solitary role in the new field of Speech and Hearing, by adopting new methods through research done at the Institute by specialists,

and also by bringing more qualified specialists into field such as Speech Pathologists, Audiologists, Otolaryngologists, Psychologists and Electronics Engineers.

Hours of work:

| | |
|-------------------|--------------------------|
| Teaching | - 10 a.m. to 1 p.m. |
| Clinical services | - 10 a.m. to 5 p.m. |
| Office | - 10 a.m. to 5 p.m. |
| Saturdays | - 8.30 a.m. to 3.30 p.m. |

OBJECTIVES

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

I - Training

- (a) To provide and assist in providing general professional and technical education and training in Speech and Hearing for graduate, post-graduate & Doctorate courses of a University;
- (b) To provide and assist in providing general professional and technical education and training to various categories of personnel e.g., Medical, Para-Medical, Non-medical etc.,
- (c) To undertake, organise and facilitate study courses conferences, lectures, seminars and the like to promote the above mentioned objects;
- (d) to undertake and provide for publication of journals, research papers, etc., and to establish and maintain libraries and information services in furtherance of the objects of the society.
- (e) To invite representatives of Governments, Universities and other organisations of India and of Foreign countries to deliver lectures on subjects in which the society is interested;
- (f) To co-operate with international agencies engaged in speech and hearing research and training and arrange for interchange of personnel, material and data;
- (g) To institute, offer and grant prizes, awards, scholarships, research grants and stipends in furtherance of the objects of the society;

II- RESEARCH

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

III-CLINICAL SERVICES

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

IV - PUBLIC EDUCATION

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

V - ADMINISTRATION 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 rendered to the society, salaries, wages, gratuities, provident fund, and other allowances or remuneration in accordance with the rules and regulations of the society;
- (c) To borrow and raise money and funds to further the objects of the society and to raise or collect funds by gifts, donations, subscriptions or otherwise of cash and securities and any property either movable or immovable and to grant such rights and privileges to the donors, subscribers, and other benefactors as the society may consider fit and proper;
- (d) To invest and deal with funds and money of the society;
- (e) To subscribe to, or become a member of or to co-operate or amalgamate with any other association or society whose objects are similar;
- (f) To sell, assign, mortgage, lease, exchange and otherwise transfer or dispose of all or any property movable or immovable, of the society for the furtherance of its objects or any of them, provided prior approval of the Central Government is obtained for any disposition of immovable property;
- (g) To negotiate and enter into contracts on behalf of the society and vary and rescind such contracts;
- (h) To accept and undertake the management of any endowment or trust fund or donation to further the objects of the society;

- (i) To establish a contributory provident fund and Gratuity for the benefit of the employees of the society;
- (j) To pay all costs, charges and expenses incurred in the promotion, formation, establishment and registration of the society;
- (k) To do all such other lawful acts, deeds things either alone or in conjunction with other organisation or persons as the society may consider necessary, incidental or conducive to the attainment of the above mentioned objects or any of them.
- (l) To undertake any other function that may be assigned to the society by the Ministry of Health and Family Planning (Department of Health) government of India in connection with speech and hearing.

AUTHORITY OF THE INSTITUTE

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

- | | |
|--|---------------|
| 1. Sri Raj Narain, Union Minister of Health and Family Welfare, Nirman Bhavan, New Delhi 110011 | Chairman |
| 2. Sri H.M. Channabasappa, Minister of Health Government of Karnataka, Vidhanasoudha, Bangalore | Vice-Chairman |
| 3. Sri D.V. Urs, Vice-Chancellor, University of Mysore, Mysore | Member |
| 4. Sri J.S. Bali, Addl. Secretary to Govt. of India Ministry of Health and Family Welfare, New Delhi, or his nominee. | Member |
| 5. Dr. P.P. Goel, Director General of Health Services, New Delhi, or his nominee. | Member |
| 6. Sri Tekriwal, Director (Internal Financial Adviser) Department of Health, Ministry of Health and Family Welfare, New Delhi. | Member |
| 7. Representative of the Department of Social Welfare, Government of India, Ministry of Education and Social Welfare, New Delhi. | Member |
| 8. Additional Director of Health and Family Planning Services, Government of Karnataka Bangalore. | Member |
| 9. Dr. L.H.Hiranandani, Hon. Otolaryngologist BYL Nair Ch. Hospital, Bombay-8 | Member |
| 10. Dr. H. Hirannaiah, ENT specialist, 298/A I Main Road, 8th Block, Jayanagar, Bangalore. | Member |
| 11. Mrs. Sudha V. Reddy, 2/1C, Palace Road, Bangalore | Member |
| 12. Dr.J. Bharathraj, Member of Teaching Faculty of All India Inst. of Speech & Hearing, Mysore. nominated by the Director. | Member |
| 13. Dr. P.R. Kulkarni, Director, All India Institute of Speech & Hearing, Mysore-6 | Member |

MEETING

The XXI meeting of the Executive Council of the Institute was held under the Chairmanship of Dr. Karan Singh, Hon'ble Union Minister for Health and Family Planning, at New Delhi, on 28th July 1976.

Teaching:

The department participated in the teaching and training programmes of the BSc, MSc and Ph.D students. The subjects included normal development of speech, delayed speech and language, articulation, stuttering, organic anomalies, aphasia, cerebral palsy, organization of speech and hearing centers, introduction to scientific methods, voice and its disorders, cleft palate, laryngectomy and Education of the aurally handicapped. For post-graduate students, courses are covered in greater detail in the form of seminars and discussions, besides lectures.

Clinical work:

(a) Diagnostics: All the cases registered at the Institute are evaluated or evaluations supervised for their speech problems by the staff. After all the evaluations are completed by the various departments, the cases and their families are counselled by the staff or the post-graduate students. Post-graduate students also take active part in diagnostics weekly once, interesting cases are taken up for presentation and discussions in clinical conferences.

(b) Clinical training: The undergraduate and post-graduate students are required to work with cases as part of their clinical training. Clinical supervisors guide the student clinicians. Case demonstrations are conducted by

the staff three times weekly. First year BSc students are required to observe therapy sessions. We have developed various therapeutic techniques to suit patients who live in rural areas and who cannot attend regular therapy sessions. Techniques are demonstrated or demonstration therapy sessions are held for short durations to assist cases who cannot attend therapy here. The department utilizes various therapy techniques for voice and speech problems and some of them have helped cases remarkably well.

(d) Counselling: Counselling family members and cases done on daily basis and public education pamphlets are also made use of for educating the public. Parent counselling meetings are held on the last Sunday of every month and this has proved very useful to parents. We stress on the importance of home training, care of the hearing aids, vocational training, admission to normal schools and regular follow-up and fixed intervals.

Research:

Dissertations: The following are the dissertations done under the guidance of the department:

1. Dichotic Delayed Auditory Feed Back in Normals and Stutterers - by Miss Parimala - Guide Dr.N.Rathna.
2. Articulatory Acquisition in Kannada - A Study of Normal 3- 6.6 years by Miss Tasneem Banu - Guide Dr.N.Rathna.
3. Relationship between Vocal Intensity, Pitch and Nasality in Cleft Palate Speakers - by Mrs. Pamela Asthana - Guide Mrs. Saraswathimenon.

Research projects are undertaken in the department in collaboration with Danida, SRS, USA, Colombo Plan, ICMR, CSIR

Ph.D under way

1. Mr. George - The Effect of Monolingualism, Bilingual Polylingualism or Acquisition of Language Including Acquisition of a New Language.
2. Mrs. Vijayalakshmi Basavaraj - Development of Test in Kannada for assessing the language Acquisition and performance.
3. Miss Sreedevi - Mothers Speech and Language Acquisition in Children.

Camps:

29 Speech and Hearing camps were conducted in the states of Andhra Pradesh, Karnataka and Kerala and a total of 24,214 cases with speech, voice and hearing problems were seen and guidance was rendered to all of them.

DEPARTMENT OF AUDIOLOGY

The three basic functions of this department teaching, research and clinical service for those with communicative disorders - have been continued and further developed.

1. Training:

The training program for the undergraduate and graduate students in Speech and Hearing was continued. Doctoral programme was introduced.

In anticipation of implementing the semester system, a course of study and scheme of examination was prepared. The semester system was introduced in 1976 both at the undergraduate and the graduate level. The introduction of the semester system has meant increased work load for the staff in conducting periodical tests, in the assessment of their practical work etc.

The training program at the pre-doctoral level includes teaching courses in various aspects of audiology acoustics and electronics, practical training in audiological evaluation, in habilitation/rehabilitation procedures, in making earmolds and in the calibration of audiological instruments and in minor repairs of hearing aids. Included in the training program were not only lectures, demonstrations and seminars, but also visits to other institutions such as the Central Institute of Indian Languages, the All India Radio and the Janapada Seva Trust, Melkote.

Requests for conducting a short term training program was received from the Armed Forces Medical College Pune.

2. Clinical Services:

Clinical services have included audiological evaluation of the patients, hearing aid trial, loan of hearing aids under the Indo-Danish agreement, issue of spare parts for hearing aids, custom made earmolds and repairs of hearing aids. These services provide a good training ground for the student-trainees. However, there is no full time staff in the Department, whose major assignment is clinical evaluation. At present, one of our graduates working on an honorary basis and a research assistant are assisting in the audiological evaluation. Due to shortage of trained clinical staff, supervised training of quality becomes non-realistic. Justification for additional staff to assist in the clinical evaluation and training has already been given.

(a) Hearing evaluation:

The total number of cases seen in the department was 4049. Construction of the new test rooms is well under way. When these rooms are ready, additional facilities for hearing aid evaluation, for calibration of transducers would become available. The availability of additional test rooms is awaited eagerly with the hope that the strain felt for lack of sufficient test rooms will be relieved to some extent.

(b) Hearing aids:

(i) Loan of hearing aids: Loan of hearing aids consumes much time in instructing the patient/guardian on the procedure involved in completing the bonds, in scrutinizing the completed bonds, in instructing the patient regarding care of the hearing aid. Apart from initial loan, replacement of hearing aids where necessary due to loss or damage, is being made. Often hearing aids are sent by mail to those patients who are unable to come in person. Hearing aids loaned are sometimes returned by the patients for various reasons. Records of initial issue, replacements and return are maintained in the Department.

The total No. of hearing aids issued was 524.

(ii) Issue of Spare Parts: Requests are also received for issue of spare parts such as batteries, cords and receiver for hearing aids. Again, these may be given in person or sent through mail. It is felt that the work related to the actual loan of hearing aids, once the recommendation is made may be attended to by clerical staff. Requests for a full time clerical staff to assist in this work has already been made.

No. of spare parts issued was 946 during the year.

(iii) Hearing Aid repairs: Repair of the hearing aids issued under the Indo-Danish scheme as well as personal hearing aids is undertaken by the staff in the electronics lab. This service also provides an opportunity to study the damages

uniquely related to the patients geographical area and such other factors. The number of hearing aids repaired was 450.

(c) Earmolds:

Earmolds are made for those patients who are given hearing aids under the Indo-Danish scheme, for those who purchase their own hearing aids and also for the patients who have been at other centres which have no facilities for making earmolds. In addition, fresh earmolds are made periodically for those who outgrow the ones made previously. Normally, one of the clinical assistants looks after the entire work related to the earmold laboratory.

The total number of earmolds made during the year was 1296.

In addition to taking impression of the ear and processing the earmold to its stage of completion, the clinical assistant is expected to train the students in preparing earmolds. Further extension of services in the form of preparing prosthetic devices is envisaged. Since the inception of the earmold lab. one clinical assistant has been attending to all aspects of earmold making. The need for additional help has been felt for long.

3. Staff:

In addition to their involvement in the training program within the Institute, the staff has assisted in the electrical installations in the ENT department, installation of the loop induction system and in the routine maintenance of electrical installations including street lights within the Institute campus.

The staff took a leading part in the Science Exhibition organized by the University of Mysore. They have also served as consultants to other institutions such as Bangalore East Lions Speech and Hearing Institute, for installation of the audiometers, speech trainers etc., in establishing the earmold Lab. Further assistance in the form of testing cords for hearing aids was given to M/s. Communication, New Delhi. Assistance was given to National Institute of Engineering in making vibration measurements over a sluice gate.

Increasing demands are made on the staff to provide leadership in a variety of activities related to speech and hearing. They serve on various committees - such as the Board of Studies of the Mysore University, Board of Examiners of the Mysore and the Bombay Universities, editorial board of the Journal of AIISH and the J. of Acoustical Society of India, the panel on electronics and telecommunications and the panel on audiometers and hearing aids of the Indian Standards Institute, New Delhi.

Dr. Shailaja Nikam attended the workshop on teaching aids arranged by EDMA and the Mysore Toys Co. Nov. 1976. The

staff also serve on the co-curricular committees in the Institut such as the student association, the library committee.

As in the previous years, the staff has been active in recommending technical books, periodicals and other publications for the library. They have also taken initiative in collecting article reprints etc. for the library.

IV. Instruments:

(a) Fabrication/modification: Modifications were made in a tape recorder for use in a project on delayed auditory feedback. A stammer suppressor and a red flash lamp were prepared for clinical-research purposes.

(b) Acquisition: An electronic scientific calculator and a mechanical tool kit were purchased.

(c) Repairs: Major - 25, Minor - 122
No. of hearing aids repaired: -450

V. Correspondence:

Correspondence with patients in reference to hearing aids, earmoulds, evaluation and to some extent home-training are handled by the staff in the Dent. Letters are also received from other institutions, agencies and individuals for information and/or assistance on matters related to hearing aids, noise measurements etc. The No. of letters despatched during the year was 872.

Awards and prizes:

Mr. M.N.Vyasamurthy was awarded Joe D'Sa's best paper award at the ISHA conference for his paper 'An objective verification of Small's model.'

DEPARTMENT OF PSYCHOLOGY

The departmental staff continued their participation in the teaching and training programmes, diagnosis of cases, supervision of therapy, participation in clinical conference and journal clubs, parents' meetings and speech and hearing camps.

Semester scheme was introduced in this academic year both at undergraduate and post-graduate levels.

Diagnostics

A total No. of 1753 cases were seen for evaluation/re-evaluation for routine and special psychodiagnostics. The Department continued to look after the supervision of students posted to diagnostics.

Therapy Supervision:

43 cases were under the supervision of the staff of this Department. Certain new therapeutic techniques such as Behaviour Rehearsal and Habit Reversal are being tried with cases thus broadening the spectrum of therapies being tried out.

Equipment added:

Equipment worth Rs.18,800/- including an Electromyograph was purchased during the year 1976-77.

Research activities:

Research work pertaining to standardisation of Eysenck Personality Inventory and Medico Psychological Questionnaire are in progress.

A research project on "The Auditory Localization in Helmet-wearing and Non-helmet Wearing Conditions" was carried out by Dr.J. Bharath Raj, Mr. S.S.Murthy, Mr.P. Chandra and Mr. P. Natarajan.

A Research Proposal has been submitted to the DGHS on "An Analysis of Auditory Localization abilities among pre and post-operative cases of conductive loss of hearing and mixed loss of hearing.

Proposals and details of S.R.S. Project titled " A Comprehensive study of the Prevalence of Communication Disorders with special reference to etiological factors, assessment and rehabilitation in Indian conditions" was prepared by the Department Staff and the Budget estimate and plan of the Mobile Van prepared by Mr. SPC Pandalay of Audiology Department.

A dissertation problem of Mr.Babu T. Kurian of Final MSc (Sp. & Hg.) with the title "A survey of Parental Attitudes towards their hard of hearing children" was given guidance by Dr. J. Bharathraj.

The Department has undertaken construction and development of a comprehensive personality test suitable for Indian population. This has provision for representing personality profile in the graphical form.

Dr. J. Bharathraj has undertaken the guidance in Research of Smt. Kameswari for Ph.D degree of the University of Mysore, in clinical Psychology.

A developmental screening test was evolved by Dr.J.Bharath Raj incorporating behavioral items from Indian culture and is presently being used in the department.

The Medico-psychological questionnaire was developed by Dr. J. Bharath Raj, for the purpose of diagnosis and differential diagnosis within psychoneurosis.

ADMINISTRATION

Dr. J. Bharathraj was incharge of conducting Journal Club and Clinical Conference and of the Medical Records Section. He was a member on the Board of Studies and Board of Examiners. He was chairman for the building and garden committee and also of the staff co-operative canteen.

Other activities:

The Department along with other departments of the Institute participated in the Diamond Jubilee Science Exhibition organised by the University of Mysore in January 1977. Attempts are being made to find admission for BSc(Sp.&Hg) students in M.A. (Psychology) of Mysore University.

DEPARTMENT OF OTOLARYNGOLOGY

During the year under review, normal out-patient services were made available to all the patients attending the Institute on Tuesdays, Wednesdays, Fridays and Saturdays. On Mondays and Thursdays which are operation days, no out-patient services could be offered though on Wednesdays ENT services were offered through Honorary Junior Otolaryngologist. There was only one ENT Surgeon apart from the Director, in the Deptt. of Otolaryngology and the work done by two of them with some assistance from K.R.Hospital can be considered as voluminous by any standard. Dr. Mathew^{Mathew} worked from 1.11.76 till the year end under review as Hon. Junior Otolaryngologist.

An operating microscope from West Germany and some microsurgical and other instruments were added during the year. All cases requiring Microscopic examinations and minor procedures were attended to at the Institute. The accommodation, however, continued to be small and placed in two rooms in Cellar Floor.

The collaboration with K.R.Hospital continued with one out-patient day on Wednesday and two operation days on Monday and Thursday per week. The No. of cases needing super-specialised surgery for relief and cure of hearing and speech problems registered at the Institute is 1070, which would amount to a waiting period of nearly 2½ to 3 years.

The out-patient and surgical load is unmanageable with the existing staff and physical facilities. Large number of Micro-surgical operations such as Stapedectomies, Myringoplasties, Tympanoplasties, etc. were done. Some major operations such as Laryngectomy and Block Dissection, Glossectomy Block Dissection, etc., were done for cancers in the head and neck. It is also worth mentioning that the same surgical team does Maxillo-facial Surgeries such as Palatoplasties and Pharyngoplasties. The following are the number of patients seen in the Department of Otolaryngology.

| | <u>1975-76</u> | <u>1976-77</u> |
|-------------------------------|----------------|----------------|
| 1. ENT Deptt. at K.R.Hospital | 12,896 | 17,155 |
| 2. Cases seen at AIISH | 4,130 | 9,970 |
| 3. Operations | | |
| ℓ Major | 279 | 336 |
| ℓ Minor | 151 | 232 |

No. of cases in the waiting list for operations - 1070.

Teaching:

The Director and the Reader in ENT handled all the classes in the Subject of Otolaryngology to both under-graduate and post-graduate students. Semester system has added tremendous load to the teachers.

Honours:

1. Dr. P.R.Kulkarni was installed as President of Indian Speech and Hearing Association for the year.
2. Member of A.O.I.
3. Member of 4-member Medical College Affiliation Committee of the Mysore University.
4. Passed Hindi Pragma Hindi Examination.

Lectures and talks

1. Chief Guest address at the Annual function of the College of Fine Arts, Mysore.
2. Chief Guest address at Sadvidya Pathashala, Mysore
3. Chief Guest address. (Valedictory address) to the Teachers of the Regional College, Mysore on "Teachers Orientation to problems of Deafness and Speech Defects" - NCERT
4. Chief Guest - Valedictory address and Distribution of Course Completion Certificates to the Post-graduates of the Central Food & Technological Research Institute, Mysore.
5. Lecture on "Otolaryngology - Prospect & Retrospect" in connection with Refresher course for General Practitioners-IMA, Mysore.
6. Valedictory Address at the Linguistics Circle - Institute of Kannada Studies, Mysore.
7. "Viinanada Munnade"- Radio talk on AIR, Mysore.
8. Chief Guest & Free Distribution of Hearing Aids at Vellore at a function of the Vellore Jaycees .
9. Inaugurated the Bangalore East Lions Institute of Speech and Hearing.
10. Lecture on "General Practitioner and problems of Speech and Hearing" at the Annual Refresher Course to General Practitioners of Mysore District.
11. "Mechanism of Hearing" at Indian Institute of Science Bangalore under Quality Improvement Program for Teachers in Elec. Engineering.

CLINICAL SERVICES

A full-fledged Clinic has been developed at the Institute to provide Diagnostic, Treatment (medical, surgical and otherwise) and Rehabilitation and Counselling facilities for persons with Speech and Hearing Disorders, and to provide necessary clinical material for the trainees. There has been general increase in caseload because of increase in cases at the institute, increase in No. of outpatients cases at K.R.Hospital and increase in camps held.

The following is the statistical data of cases attended:

| | <u>1975-76</u> | <u>1976-77</u> | <u>% of increase</u> | |
|---|----------------|----------------|----------------------|--------|
| New cases | 2785 | 3399 | 22.05% | |
| Repeat cases | 5133 | 6574 | 28.07% | |
| Therapy cases | 11644 | 11105 | -4.63%** | |
| Cases seen at camps | 9521 | 24214 | 154.32% | |
| E.N.T. OPD cases at KRH | 12896 | 17155 | 33.03% | |
| Total No. of cases | 41250 | 62447 | 51.39% | |
| ENT operation | Major | 279 | 336 | 20.43% |
| | Minor | 151 | 222 | 6.17% |
| Clinical correspondence | 1116 | 1768 | 58.42% | |
| Follow-up sent(Reply pp cards) | 700 | 1032 | 47.43% | |
| Replied & Reported in person | 410 | 476 | 16.09% | |
| Letters returned due to insufficient address/particulars | 12 | 32 | 166.66% | |

 ** slight decrease due to declaration of holidays for students.

ITINERANT SPEECH THERAPIST

| | |
|--|------|
| No. of follow-up letters sent | 1032 |
| No. of cases replied and reported | 476 |
| No. of letters returned due to inadequate address. | 32 |
| No. of home visits | 101 |
| No. of cases attended to | 123 |
| Inadequate address | 9 |
| No. of school visits | 19 |
| No. of cases attended to | 51 |
| No. of case histories taken | 306 |
| Camp correspondence | 167 |
| 1 cor. + F.U. | |

Parent counselling sessions on last Sunday of every month. Craft classes on Saturday (excluding Second Saturdays). The first class started on January 15, 1977 at our clinic. The main aim of having craft classes is to encourage our cases those who are not attending therapy and those who are not going to normal schools, who can come to the Institute and learn some craft-work which may help them in future to develop confidence that they are also capable of learning different skills. Some of our cases are already capable in craft work, they are taking initiative to teach other children. The response from parents are also encouraging and they are co-operative in helping us to improve the craft sessions. The durations of each class is about $1\frac{1}{2}$ hours. The different skills included are tailoring, needle work, bead work, painting, drawing etc. We have a plan to start carpentry.

LIBRARY

During the period under report, the library services were geared up and about 270 new books, most of them are very latest editions were added. The number of books consulted has also increased by more than 50%. The statistics shows that more than sixteen thousand and odd books were consulted compared to previous year's ten thousand and odd for the full year.

The plan to get the bibliography of the articles of the Journals subscribed by the library was put into action during this period. Nearly 20,000 cards were got typed about 215 volumes of 24 journals were completely bibliographed, classified and arranged dictionary-wise under each subject and made available for the users of the library, which will be helpful for the reference and research work that are being conducted in the Institute. We are confident that we will complete the bibliography for all the available material in our library during the current year. The complete collection under Wendell Johnson library is classified and catalogued.

The journals subscribed as well as received under Johnson library are indexed in the "Fardex periodical control." It is planned to bring out the subject bibliography in the book form which will be beneficial to all those who are working in this speciality in our country.

It is also proposed to bring out the abstracts of all the articles of the journals subscribed both in card as well as book form.

| | |
|---|-------|
| 1. Books added | 270 |
| 2. Total number of books | 3456 |
| 3. Volumes of journals added | 40 |
| 4. No. of journals received | 45 |
| 5. No. of Journals exchanged | 7 |
| 6. New journals added | 12 |
| 7. No. of books & journals consulted by staff and students | 16241 |
| 8. Average issue per day | 55 |
| 9. No. of journals bibliographed | 24 |
| 10. No. of volumes of journals bibliographed | 215 |

PUBLICITY AND INFORMATION

The Speech and Hearing Camps which were held previously proved very useful. Their proven utility resulted in requests from a number of different social organisations from different states. Due to several other commitments at the Institute and also due to the introduction of Semester system for the training programme, it was not possible to honour many a requests. In spite of these limitations Camps and Exhibition were held in twenty nine places in the states of Kerala, Karnataka and Andhra Pradesh examining more than 24,000 cases which is an over-all record of the previous years. The following statement gives the details:

| <u>Sl.No.</u> | <u>Year & Month</u> | <u>Place of camp</u> | <u>Cases examined</u> |
|---------------|-------------------------|----------------------|-----------------------|
| 1 | May 1976 | K.R. Nagar | 386 |
| 2 | May " | Bijapur | 492 |
| 3 | June " | Bangalore West | 230 |
| 4 | June " | Chitradurga | 1185 |
| 5 | Aug " | Gangavati | 357 |
| 6 | Sept. " | Trichur | 2200 |
| 7 | Oct. " | Bangalore east | 130 |
| 8 | " " | Kasargod | 1084 |
| 9 | " " | Kumta | 815 |
| 10 | Nov. " | Vijayawada | 5638 |
| 11 | " " | Tadepalligudem | |
| 12 | " " | Ramagundem | |
| 13 | " " | Karimnagar | |
| 14 | " " | Miryalguda | |
| 15 | " " | Eluru | |
| 16 | Dec. " | Kollegal | 532 |
| 17 | " " | Nelamangala | 360 |
| 18 | " " | Sagar | 471 |
| 19 | " " | Calicut | 1320 |
| 20 | Jan.1977 | Doddaballapur | 920 |
| 21 | " " | Tanuku | 7230 |
| 22 | " " | Mandapetta | |
| 23 | " " | Palakol | |
| 24 | " " | Yelleswaram | |
| 25 | " " | Rajhmundry | |
| 26 | " " | Tuni | |
| 27 | " " | Gajapathinagaram | |
| 28 | " " | Vijayawada | |
| 29. | Feb.1977 | Cannanore | 864 |
| Total | | | 24,214 |

The Institute participated in the Dasara Exhibition setting up a Centre in the Children's Block for identifying Speech and Hearing disorders and also to provide guidance to obtain clinical facilities.

The staff and the students had put up an objective Exhibition in the Golden Jubilee Science Exhibition of the University of Mysore which attracted huge crowds and it was one of the popular stalls of the Science Exhibition.

As in the previous years during the period under report more than one thousand visitors visited the Institute. They were mainly from Medical Colleges, Teachers Training institutions, institutions providing refresher/orientation courses for the working teachers.

General

An educational tour was arranged for the Final BSc., students to the local Deaf and Blind School to study the rehabilitation work of the school.

The Director of the Institute presented 50 hearing aids to the Bangalore Lions' Speech and Hearing Institute at a special function arranged for this purpose.

The press was very co-operative

SPEECH PATHOLOGY

1. Objective method of getting optimum pitch(modified).
Australian Journal of Human Communication Disorders
Vol.3, No.2, Dec. 1975 (Received recently).
2. An Analysis of camps conducted in Andhra Pradesh
Dr. N. Rathna and Mr. P.D. Manohar
3. Mental Retardation and Parental Age by Dr. N. Rathna
and Mr. George Samuel - ISHA conference.
4. An Analysis of Language 23+ Mrs. Vijayalakshmi,
Mr. Subrahmanyaiah, MG, Mr. George Samuel, Miss Sreedevi,
Dr. N. Rathna, Mr. P.D. Manohar and Mr. NP.Nataraja-
participated in the ISHA conference held at Bangalore.
5. Mr. Nataraja, NP, spoke on "Speech and Hearing problems in
School Children" at the conference conducted by R.C.E.
for the teachers.
6. Dr. N. Rathna and Mr. George Samuel presented a paper at
Central Institute of Indian Languages, Mysore "Three
Languages are allowed".
7. Dr. N. Rathna -"parent participation in Language teaching
for deaf children"

AUDIOLOGY

1. Nikam, S, et al., Perception of time-compressed English
CNC monosyllables by non-native speakers/listeners of
English - J. American Audiology Society.
2. Pandalay, S.P.C., Dayalan Samuel, J., Speech Audiometry
in Tamil. Communicated for publication in the J. AIISH.
3. Murthy, S.S., Narayanaraju, S., Srikanth S.N., - Hearing
aid Services in India. ISHA conference, Jan. 1977.
4. Murthy, S.S., - Low cost acoustic environment for speech
and hearing centres. ISHA conference, Jan. 1977.
5. Murthy, S.S., Bharathraj, J., - Auditory localization by
helmet wearing drivers. ISHA conference, Jan. 1977
6. Mythili, M.A. - A comparative study of reflex thresholds
for puretones, Narrow Band Noise and Wide band noise in
normal hearing subjects and Sensorineural hearing loss cases.
ISHA conference, Jan. 1977.
7. Vyasamurthy, M.N., - An objective verification of Small's
model. ISHA Conference, Jan. 1977.

PSYCHOLOGY

1. Dr. J. Bharathraj - "The Auditory Localization in Helmet Wearing & Non-helmet wearing conditions"- ISHA conference Jan. 1977.
2. Dr. J. Bharathraj - "Recoveries from Stuttering" - ISHA conference, Jan. 1977.
3. Dr. J. Bharathraj presented three Radio talks on:
 1. Mental Retardation - Psychological problems (in Kannada)
 2. Drug Addiction among the young (in English).
 3. Road Accidents
4. A book titled "Stuttering - causes, remedies and prevention" is being published in Kannada and English.
5. An article in Kannada on "Training the Mentally Retarded" appeared in Sudha weekly.
6. An article by Dr. J. Bharathraj in Kannada on "Care of the Mentally Retarded" appeared in Tushara monthly.
7. Miss A.D. Bhavani gave an extension lecture as a part of Mysore University Extension lecture at Moodabidri, on "Behavioural problems in children."

PUBLICITY AND INFORMATION

1. Mohd. Fazlulla, K. - "Language for the School going Deaf children" - ISHA conference, 1977.

E.N.T. DEPARTMENT

1. Dr. P.R. Kulkarni - Congenital abnormalities of the ears - Annual conference of Otolaryngologists of India.
2. Dr. P.R. Kulkarni - Velopharyngoplasty - ISHA conf. Jan. 1977.
3. Dr. P.R. Kulkarni - Far advance Otosclerosis - ISHA Conf. Jan. 1977.
4. Dr. M.V. Susheela - Clinical Aspects of Sensory Otitis media.
5. Dr. Mathew Mathew - A case report of congenital cholesteatoma Misdiagnosed as otosclerosis.

STAFF

The Staff position is as follows :

| Sl.No | Category | Sanctioned posts | | Total | Existing Staff | |
|-------|-------------|------------------|----------------|-------|----------------|----------------|
| | | Perma- nent | Tempo- rary | | Perma- nent | Tempo- rary |
| 1. | Group 'A' 0 | 14 | 3 | 17 | 13 | - |
| 2. | Group 'B' 0 | | | | | |
| 3. | Group 'C' | 25 | 4 | 29 | 25 | 4 |
| 4. | Group 'D' | 21 | 4 | 25 | 21 | 3 |
| | | 60 | 11 | 71 | 59 | 7 |

Total number of sanctioned posts - 71

Total number of posts filled - 66

Number of posts vacant - 5

DIRECTOR

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

Department of Speech Pathology

1. Professor & Head of the Department of Speech Pathology - Dr.N.Rathna, M.S(HUNTER)
M.S(GALLAUDET) M.A.
T.ED.D (INDIANA)
2. Reader in Speech Pathology - Mrs.Saraswathi Menon,
M.A.
3. Lecturers : - Sri.P.D.Manohar, M.A.
(Psychology) MSc
(Speech & Hearing)
Sri N.P. Nataraja,
MSc(Speech & Hearing)
4. Clinical Assistant - Sri EP.Balakrishnan
M.A., M.Ed
5. Research Assistant - SriMG.Subrahmanyaiah
BSc(Speech & Hearing)

- | | | | |
|----|----------------------------|---|--|
| 6. | Itinerant Speech Therapist | - | Smt. Indira Prakash, BSc (Speech and Hearing) |
| 7. | Junior Stenographer | - | Sri. T. Keshava Murthy |
| 8. | Peon | - | Sri B. Siddaiah |

Department of Psychology

- | | | | |
|----|---|---|---|
| 1. | Professor of Psychology | - | Vacant |
| 2. | Reader & Head of the Deptt. of Psychology | - | Dr. J. Bharath Raj, MA., Ph.D (Psychology) DMP |
| 3. | Lecturer in Psychology | - | Miss AD. Bhavani, M.A. (Psychology) B.Ed., DM&SP |
| 4. | Clinical Assistant | - | Sri P. Chandra, B.Com., B.Ed |
| 5. | Clinical Attendant | - | Sri S. Gopal |
| 6. | Senior Stenographer(FW) | - | Smt. Padmavathi Bai, B. A |

Department of Audiology

- | | | | |
|----|-----------------------------|---|--|
| 1. | Professor | - | Vacant |
| 2. | Reader & Head of the Deptt. | - | Dr. (Miss) Shailaja Nikam M.A. (Psychology) M.A. (Speech) Ph.D (Audiology & Speech Sciences) |
| 3. | Lecturer in Electronics | - | Sri SS. Murthy (MSc Tech |
| 4. | Lecturers (Audiology) | - | Sri MN. Vyasa Murthy, MSc (Speech and Hearing) |
| | | - | Sri SPC. Pandalay, MSc (Speech & Hearing) |
| 5. | Electronics Engineer | - | Sri S. Narayana Raju, BSc (AMIE) |
| 6. | Scientific Assistant | - | Sri Srikantha, BSc., B.E (Elec) |
| 7. | Clinical Assistants | - | Smt. Sowmyamala, BSc., B.Ed Smt. Iffath Aslam, B.A., B.E |
| 8. | Research Assistant | - | Miss MA. Mvthili, MSc (Speech and Hearing) |
| 9. | Senior Stenographer(AN) | - | Smt. Padmavathi Bai, B. A. |

10. Peons

- Sri.KL.Ramasetty
- Sri.Basavalingaiah

Department of ENT

- | | |
|----------------------------|---|
| 1. Head of the Department | - Dr.PR.Kulkarni, MBBS, M.S(ENT)DORL |
| 2. Reader | - Dr.MV.Susheela, MBBS, MS (ENT)DLO |
| 3. Junior Otolaryngologist | - Vacant |
| 4. Staff Nurse | - Smt. MG.Mariamamma |
| 5. Ward Boy | - Sri R.Kannan |

Medical Records

- | | |
|-----------|---------------------|
| 1. U.D.C. | - Mr. Gururaj, BSc |
| 2. L.D.C. | - Mr. G.R.Prakash |
| 3. Peon | - Sri G.K rishnaiah |

Director's Office

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

Office and others

- | | |
|--------------------------------------|--|
| 1. Administrative Officer | - Vacant |
| 2. Office Superintendent | - Sri.S.Shankar, M.A(Pub.Admn) M.A(Pol.Science) B.L., ADV. |
| 3. Librarian | - Sri MV.Govindarajan, M.A., B.Lib., Sc. |
| 4. Publicity and Information Officer | - Sri Md.Fazlulla, K, M.A., B.L. |
| 5. Accountant-cum-cashier | - Sri SL.Vijayanarasimha B.Com |
| 6. Hindi Translator | - Miss HP.Uma Saraswathi M.A(HINDI) |
| 7. U.D.C's (3) | - Sri SG.Gopinath Sri MP.Pandurangaraj Urs Sri MS.Subramanya |

8. Care-Taker - Sri Shivanna, M.A., D.C.E.
9. Junior Stenographer - Sri M.H.Sanjeeva Murthy, B.Com
10. LDC'S - 3 - Sri N.Ramachandra Rao
Sri L.Basavaiah, M.A.
Sri L. Siddaiah
11. Drivers - 2 - Sri A.Jesurathnam
Sri M.K.Ramappa
12. Junior Gestetner Operator - Vacant
13. Peons - 2 - Sri Madhu
Sri P.B.Jeevan
14. Watchmen - 5 - Sri Thimmappa
Sri Dasappa
Sri Padam Bahadur
Sri Bhim Bahadur
Sri S.Shivappa
15. Malis - 4 - Sri Chowdaiah
Sri Kannappan
Sri Marinnanjaiah
Sri Mahadeva
16. Sweepers - 4 - Sri Hobliah
Sri Rama
Sri Manjaiah
Smt. D.N.Padma
17. Cook (Gent's Hostel) - Sri K.M.Venkatesh
18. Cook (Ladies' Hostel) - Smt. T.N.Gowramma

Appointments, Resignation, Termination, Dismissal, etc.

Appointments:

| S.No. | Name | Post | Date |
|-------|----------------------------------|------------------|-----------|
| 1. | Miss MA.Mythili MSc (Sp & Hg) | Research Asst | 15-4-1976 |
| 2. | Sri MH.Sanjeeva Murthy | Jr.Stenographer | 19-4-1976 |
| 3. | Sri L.Basavaiah, M.A. | L.D.C. | 24-4-1976 |
| 4. | Sri Srikantha BSc, BE (El) | Scientific Asst | 30-4-1976 |
| 5. | Sri Shivappa | Watchman | 16-9-1976 |
| 6. | Miss H.P.Umasaraswathi | Hindi Translator | 31-1-1977 |

Resignation

Sri Nagesh - Watchman - Resigned w.e.f. 16th June 1976

Training

Admissions

Number of students admitted to various courses in Speech and Hearing during 1976-77 are as follows :

| <u>Courses</u> | <u>No of candidates</u> |
|----------------|-------------------------|
| I BSc | 20 |
| II BSc | 15 |
| III BSc | 15 |
| I MSc | 11 |
| II MSc | 10 |
| Total | <u>71</u> |

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

Results

| <u>Sl.No</u> | <u>Courses</u> | <u>No.of candidates success-fully completed the course</u> | | |
|--------------|----------------|--|---------------|----------------|
| | | <u>Appeared</u> | <u>Passed</u> | <u>I class</u> |
| 1. | BSc final | 15 | 15 | 2 |
| 2. | MSc final | 10 | 10 | 5 |

The Institute was included under 2 (f) of UGC Act during the year.

Number of Junior Research Fellows admitted under various agencies :

| | | | |
|----|------------------------|---|---------------------------|
| 1. | C.S.I.R. | - | Three |
| 2. | A.I.I.S.H | - | One |
| 3. | UGC through University | - | <u>One</u> <u>Five</u> |

Buildings

Construction of Speech Pathology and Audiology Blocks is in progress and is expected to be completed by Oct 1977.

Equipment

Additional equipment to the tune of Rs. 2,25,300/- were added to various departments during the year as detailed below :

| | <u>Indigenous</u> | | Foreign Exchange | Total |
|-----------------|-------------------|----------|------------------|-------|
| | Plan | Non Plan | | |
| ENT | 0.52 | 0.20 | 0.400 | 1.12 |
| Audio- logy | 0.33 | 0.12 | - | 0.45 |
| Speech Path. | 0.30 | 0.10 | 0.060 | 0.46 |
| Psycho- logy | 0.08 | 0.08 | 0.063 | 0.223 |
| | 1.23 | 0.50 | 0.523 | 2.253 |

Visits of Dignitaries

Among the high dignitaries who visited the Institute during the period under report are the Acting President of India (then the Vice-President of India) Sri B.D.Jetti Sri H.M. Channabasappa, Hon.Minister for Health and Family Planning, Government of Karnataka, Sri MV.Krishna Rao, Hon.Minister for Education, Government of Andhra Pradesh. The following were high ranking officials who visited the Institute :

Dr. Goel, Director General of Health Services
New Delhi

Sri Bali, Additional Secretary, Ministry of Health
and Family Welfare, New Delhi

Sri Rao. Chief Reporter 'SAMACHAR' New Delhi

Sri Narasimha Rao, Secretary, Health Department,
and Health Commissioner, Govt. of Karnataka

Prof. B.Ramachandra Rao, Vice-Chairman, University
Grants Commission, New Delhi and

Dr. Thimmappaiah, Director, National Institute of
Health Education and Administration, New Delhi

Mrs. Kika Moelgaard, Danida Information Department,
Denmark, Mr. Harry Edwards, The Sanctuary Burrowleesheer
Grilfred, Surry, England - Dr. Vance from Canberra -
Dr.U.Griffith, Neuro Surgeon, Briston were the important
foreign visitors to the Institute.

| Head of Account | Actuals 75-76 | | Sanctioned estimates 76-77 | | Revised estimate 76-77 | | Budget Estimates 77-78 | | Sanctioned estimate 77-78 | |
|--|---------------|--------|--|------|--|--------|------------------------|---------|---------------------------|------|
| | Non-Plan | Plan | Non-Plan | Plan | Non-Plan | Plan | Non-Plan | Plan | Non-Plan | Plan |
| <u>Recurring</u> | | | | | | | | | | |
| Pay of Officers | 1.5627 | 0.2100 | - | - | 1.5158 | 0.4130 | 1.6660 | 0.8548 | X | |
| Pay of Establish- ment | 1.6510 | - | - | - | 1.9932 | 0.0712 | 2.1848 | 0.3526 | X | 6.37 |
| Allowances and Honoraria | 1.9569 | - | - | - | 2.5388 | 0.2067 | 2.6901 | 0.5306 | X | |
| Other Charges | 1.2830 | - | - | - | 2.4400 | - | 2.8935 | - | | 2.20 |
| Advances | 0.2090 | - | - | - | 1.3000 | - | 3.3000 | - | | - |
| Stipend | 0.7221 | - | - | - | 0.8010 | - | 0.8550 | - | | - |
| CPF leave salary and pension con- tribution | 0.0120 | - | Lumpsum provisi- on of Rs 8.00 La- khs | | Lumpsum provi- sion of Rs.3.50 lakhs | | 0.6797 | - | | - |
| <u>Capital</u> | | | | | | | | | | |
| Works | 0.1387 | 3.5200 | - | - | 0.6140 | 2.6500 | 0.2000 | 3.3220 | | - |
| Equipment | 0.1910 | 0.6975 | - | - | 0.5000 | 1.3100 | 0.6000 | 1.3000 | | 0.40 |
| Furniture, Library books & Vehicles | 0.6310 | 0.1000 | - | - | 0.1500 | 0.2500 | 0.2500 | 0.1400 | | - |
| III. Collaboration with K.R.H | - | - | - | - | - | 0.5000 | - | - | | - |
| IV. Hospitality to Experts under Colombo Plan | - | - | - | - | - | 0.2500 | - | - | | - |
| V. Anticipated Finan- cial Assistance from outside Agencies. | | | | | | | | | | |
| (i) Indo. Danish Collbn. | - | - | - | - | - | - | - | 9.0000 | | - |
| (ii) SRS Project | - | - | - | - | - | - | - | 7.6800 | | - |
| Total | 8.3574 | 4.5175 | 8.00 | 3.50 | 12.5315 | 5.6509 | 14.9842 | 23.1800 | | 8.97 |

6.5000

POOR PATIENTS WELFARE FUND

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

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

The fund will generally be financed from:

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

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

| | | |
|--------------------|---|-------------|
| 1. Opening Balance | - | Rs. 2331.00 |
| 2. Receipts | - | Rs. 1425.65 |
| 3. Payments | - | Rs. 320.15 |
| 4. Closing Balance | - | Rs. 3496.50 |

STUDENTS UNION ACTIVITIES

The activities of the Students started in the month of September 1976 - participated in the University Inter Collegiate games and also in the M.G.S. Tournament, won the M.G.S. Inter-zonal Trophy for Tennis (Women) in Jan 1976 and University Championship for Tennis (Women), and also participated in the M.G.S. and Inter-Collegiate Games for the following games :

1. Cricket
2. Table Tennis
3. Shuttle
4. SVC (Asoka Memorial Tournament for Table Tennis in the Intercollegiate tournaments.

Students

/ also participated in :

1. St.Philominas Music Competition
2. J.C.E. Quiz competition
3. Inter-collegiate Cultural Competitions and won the fourth prize for group dance.

. Hosted the Inter-collegiate multilingual drama competition during February 1977.