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Academic Section

**0. Introduction**

One of the major objectives of the institute is to generate manpower in the field of speech and hearing in the country. It is the very first institute in the field of speech and hearing to have offered specialization in Masters, Doctoral and Post doctoral programs in the field of Speech-Language Pathology and Audiology. The Academic Section coordinates the various academic activities related to students and faculty.

**1. Academic Programs Offered**

Last year, the institute offered three diploma, three post-graduate diploma, two under-graduate and three post-graduate degree programs. These are in addition to the two doctoral and one post-doctoral programs. The courses had the approval of the University of Mysore/Rehabilitation Council of India. Of these 14 programs, Diploma in Hearing, Language and Speech (DHLS) was offered in 12 centres across the country and classes were conducted through video conferencing. Table 1 shows the name, duration and the number of seats available for each program.

Table 1: Academic Programs Offered: 2010-11.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No.** | **Name of the programme** | **Duration** | **No. of seats available** |
|  | Diploma (HA & ET) | 1 year | 25 |
|  | DTY(DHH) | 1 year | 20 |
|  | DHLS  | 1 year  |  300🟋 |
|  | BASLP  | 4 years  | 62 |
|  | B.S.Ed. (Hearing Impairment) | 1 year | 20 |
|  | PGDFSST | 1 year | 10 |
|  | PGDCLSLP | 1 year | 10 |
|  | PGDNA  | 1 year | 10 |
|  | M.Sc. (Speech-Language Pathology) | 2 years | 36 |
|  | M.Sc. (Audiology) | 2 years | 36 |
|  | M.S.Ed. (Hearing Impairment) | 1 year | 20 |
|  | Ph.D. (Audiology) | 3 years | 4 |
|  | Ph.D. (Speech-Language Pathology) | 3 years | 4(backlog-3) |
|  | Post Doctoral Program | 2 years | 2 |
|  | **Total** |  | **562** |

 **🟋**25 each in 12 centres across the country

**Diploma in Hearing Aid and Ear Mould Technology (DHA & ET):** This diploma program aims at training the students in the maintenance and repair of hearing aids as well as in ear mould technology. The focus is more on practical training and the student trainees are given hands-on experience in the repair of different types of hearing aids and preparation of ear moulds.
**Diploma in Teaching Young Hearing Impaired (DTYHI):** This diploma program helps in the generation of manpower that will cater to the needs of children below 3 years of age and their caregivers. It helps children with hearing impairment to be equipped with pre-school, pre-academic skills which would enable these children to adapt to school curriculum. This would further help in mainstreaming these children with their normal peer group.

**Diploma in Hearing, Language and Speech (DHLS) :**This diploma program is geared at generating manpower which will cater to the needs of individuals with communication disorders at the grass-root level. In this program the students are trained to identify individuals with communication disorders and make appropriate referrals for further diagnosis. The students are also trained to supervise the caregivers in following the guidelines given by professionals for rehabilitation. For early identification and basic rehabilitation of individuals with hearing impairment what is required is more of hands- on skill than in-depth theoretical knowledge. Hence, the students in this program spend 75% of their time acquiring the required practical skills.

**Bachelor of Audiology & Speech-Language Pathology (BASLP):** The students of BASLP (Bachelor of Audiology & Speech-Language Pathology) are trained in assessment and management of communication disorders in individuals of all the age groups. The training includes theoretical and practical aspects, with focus on clinical teaching. The students get hands-on experience in dealing with patients under the supervision of experienced faculty.

**Bachelor of Special Education (Hearing Impairment) - B. S. Ed (HI) :**Candidates who undergo the Bachelor of Special Education (Hearing Impairment) would learn about ways to rehabilitate children with hearing impairment. The B.S.Ed (HI) is a special program which prepares general educators to be special educators. The focus of this program is to equip teachers with special skills in teaching children with hearing impairment. Faculty in the field of speech and hearing as well as special education joins hands in conducting this program.

**P.G. Diploma in Clinical Linguistics for Speech-Language Pathology (PGDCLSLP**)**:** Clinical Linguistics is a field of linguistics that deals with the application of linguistic principles to communication disabilities especially in clinical settings. It involves inter-disciplinary study among the various disciplines and sub-disciplines such as speech and language pathology, linguistics behavior sciences like clinical psychology, education among others, aimed at studying language development and disorders in specific clinical settings. The course will equip the speech-Language pathologists to assess, diagnose and plan intervention programs for communication problems in the Indian context. More appropriately it will also prepare the candidates to undertake inter-disciplinary research in the areas of speech, language and cognition.

**PG Diploma in Forensic Speech Sciences & Technology (PGDFSST) :**The identification of individuals from their speech is an area of speech science that reliably arouses attention of both public and forensic experts. There are a very few forensic laboratories undertaking forensic speaker identification in India. This P.G. Diploma in Forensic Speech Sciences and Technology course intends to train professionals in the area of speaker identification which would be applicable in forensic sciences.

**M.Sc. (Audiology) :**The post-graduate program in Audiology imparts in-depth knowledge and skills in the field. As it is difficult to specialize in all aspects of communication sciences while carrying out a composite master's program, AIISH is offering specialization at the master's level as done in other master's programs. The post-graduate program in Audiology focuses providing detailed information about the normal aspects of the auditory system as well as on differential diagnosis and differential management of auditory disorders. The post-graduate students are also trained to identify the research needs and plan research that would help in upgrading the diagnostic, rehabilitative and research programs in the country.

**M.Sc. (Speech-Language Pathology) :**The postgraduate program in Speech-Language Pathology imparts in-depth knowledge and skills in the field. As it is difficult to specialize in all aspects of communication sciences while carrying out a composite master's program, AIISH has started offering specialization at master's level as done in other master's programs. The post-graduate program in Speech-Language Pathology focuses on differential diagnosis and differential management of speech language disorders. The post-graduate students are also trained to identify the research needs and plan research that would help in upgrading the diagnostic, rehabilitative and research programs in the country.

**Master in Special Education (Hearing Impairment) M.S.Ed (HI) :**The manpower generated by B. Ed (HI), B. S. Ed (HI) course will be equipped with basic skills required to teach children with hearing impairment. To fulfil the needs of planning educational programs, making policy decisions and serving as master trainers in the area of special education, masters' level training is essential. Hence, M.S.Ed (HI) is being introduced to impart higher level training to special educators in the area of education of children with hearing impairment.

**Doctor of Philosophy (PhD):** The doctoral programs are being conducted in the areas of Audiology, Speech-Language Pathology and Speech Sciences. The program is affiliated to the University of Mysore. And it is geared towards increasing quality and quantity of research in the area of communication disorders. The institute has state-of-the-art test facilities and equipment, clientele and collaboration to undertake research in a wide range of areas related to communication disorders.

**Post Doctoral program: The** program is geared towards increasing quality and quantity of research in the area of Speech and Hearing.

**New Academic Program:** A new program titled **‘Post-Graduate Diploma in Neuro-audioolgy’** with a duration of one year was launched last year. Neuroaudiology is a specialized branch of Audiology that deals with the structure, function and disorders of auditory neural pathway and the allied neural network. The course objectives include provision of specialised training focussed on assessment of auditory neural processing and its dysfunctions and promotion of interdisciplinary research activities in the area of Neuro-audiology.

 **II. Admission and Enrolment**

Admissions to bachelor’s degree in Speech and Hearing, master’s degree in Audiology and Master’s degree in Speech - Language Pathology were based on the merit obtained in the national level entrance examination conducted by the Institute. Admissions to all the diploma and post-graduate diploma courses, bachelor’s and master’s degrees courses in Special Education were done based on the merit of qualifying examinations. Students were admitted to Ph.D and Post – Doctoral programs based on interview and merit in the qualifying examination.

Last year, 482 students appeared for the B.Sc (Speech and Hearing) entrance examination conducted at Delhi, Kolkata, Guwahati, Mumbai, Chennai and Mysore. Entrance examinations to M.Sc in Audiology and M.Sc in Speech - Language Pathology were held at AIISH, Mysore were attended by 215 and 227 students, respectively.

Totally 362 students were admitted to various programs last year and among them 195 were girls.187 students were admitted to the Diploma in Hearing, Language and Speech in 12 study centres across the country. The details of students admitted to each course are given in Table 2. State-wise distribution of students enrolled in 2010-11 is shown in figure 1 and the gender-wise distribution is given in table ---

****Figure 1: State-wise distribution of Enrolled Students 2010-11.

Table 2: Student Intake 2010-11.

|  |  |  |
| --- | --- | --- |
| **Sl.****No** | **Name of the programme** | **No. of** **intake** |
|  | Diploma (HA & ET) | 4 |
|  | DTY(DHH) | 8 |
|  | DHLS AIISH, Mysore | 6 |
|  | JIPMER, Puducherry | 18 |
|  | RIMS, Imphal  | 17 |
|  | AIIPMR, Mumbai  | 14 |
|  | RML, New Delhi  | 14 |
|  | IGMC, Shimla  | 4 |
|  | RIMS, Ranchi  | 14 |
|  | SRBMC, Cuttack  | 18 |
|  | JNMC&H, Ajmer  | 13 |
|  | CSMMC, Lucknow  | 21 |
|  | NSBC, Jabalpur  | 23 |
|  | JNMC&H, Bhagalpur  | 25 |
|  | BASLP  | 61 |
|  | B.S.Ed. (Hearing Impairment) | 3 |
|  | PGDFSST | 4 |
|  | PGDCLSLP | 3 |
|  | PGDNA  | 8 |
|  | M.Sc. (Speech-Language Pathology) | 36 |
|  | M.Sc. (Audiology) | 36 |
|  | M.S.Ed. (Hearing Impairment) | 3 |
|  | Ph.D. (Audiology) | 2 |
|  | Ph.D. (Speech-Language Pathology) | 7 |
|  | Post Doctoral Fellowship | - |
|  | **Total** | **362** |

**Table 3: Gender-wise distribution of admitted students : 2010-11**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the course** | **Male** | **Female** | **Total** |
| Diploma (HA&ET) | 2 | 2 | 4 |
| DTY(DHH) | - | 8 | 8 |
| DHLS | 119 | 68 | 187 |
| BASLP |  | 11 | 50 | 61 |
| B. S. Ed. (HI)  |  | 2 | 1 | 3 |
|  |  |  |  |  |
| PGDFSST |  | - | 4 | 4 |
| PGDCL-SLP |  | - | 3 | 3 |
| PGDNA |  | 5 | 3 | 8 |
| M.Sc. (Audiology) |  | 9 | 27 | 36 |
| M.Sc. (SLP) |  | 9 | 27 | 36 |
| M.S.Ed. (HI) |  | 3 | - | 3 |
| Ph. D. |  | 7 | 2 | 9 |
| **Total:** |  | **167** | **195** | **362** |

**Student Strength:** In the current year, 586 students were studying for various programs in the institute, the details of which are given in Table 3.

Table 3: Student Strength.

|  |  |  |
| --- | --- | --- |
| **Sl.****No** | **Name of the Programmee**  | **No. of** **Students** |
|  | DHLS  | 🟋187 |
|  | DHA&ET  | 4 |
|  | DTY(DHH)  | 8 |
|  | First Year B.Sc. (Sp. & Hg.) | 61 |
|  | Second Year B.Sc. (Sp. & Hg.) | 62 |
|  | Third Year B.Sc. (Sp. & Hg.) | 46 |
|  | Interns | 36 |
|  | First Year M.Sc. (Audiology) | 36 |
|  | Second Year M.Sc. (Audiology) | 36 |
|  | First Year M.Sc. (SLP) | 36 |
|  | Second Year M.Sc. (SLP) | 35 |
|  | B.S.Ed | 3 |
|  | M.S.Ed | 3 |
|  | PGDCLSLP | 3 |
|  | PGDFSST | 4 |
|  | PGDNA | 8 |
|  | JRF | 17 |
|  | Post Doctoral Fellowship | 1 |
|  | **Total** | **586** |

 🟋Total number of students in 12 study centres.

**III. Academic Awards**

The institute achieved spectacular results in the final examinations conducted last year with 100 percent pass in DHA & ET, DTY(DHH), PGDCL, PGDFSST and M.Sc Audiology examinations. For all other examinations, the pass percentage is 75 or more. The details of academic degrees awarded last year are given in table 4.

**IV. Internship**

Fifth batch of internship students successfully completed their training for a period of ten months, during the reporting year. The training enabled the students to transfer their theoretical knowledge to clinical practice. Their posting in centres/institutions outside AIISH provided them with greater exposure to clinical population and settings different from that of AIISH. Internship students were actively involved in the outreach programs of the institute.

Table 4: Academic Awards: 2010-11.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.****No** | **Name of the Programme** | **No of Students appeared** | **Overall pass** | **Percentage** |
| 1 | DHA & ET | 4 | 4 | 100 |
| 2 | DTY(DHH) | 2 | 2 | 100 |
| 3 | DHLS | 187 | 151 | 80.74 |
| 4 | B.Sc. (Sp. & Hg.) | 38 | 35 | 90 |
| 5 | B.S.Ed. (HI)  | 5 | 4 | 95 |
| 6 | PGDCL-SLP | 2 | 2 | 100 |
| 7 | PGDFSST | 3 | 3 | 100 |
| 8 | M.Sc. (Audiology) | 35 | 35 | 100 |
| 9 | M.Sc. (SLP) | 36 | 32 | 90 |
| 10 | M. S. Ed. (HI) | 4 | 3 | 75 |

**V. Stipend and Other Financial Assistance**

The institute provides stipend to all the eligible students pursuing various courses. The details of stipend issued last year are given in table 5. Apart from this, students were also given financial assistance to attend and present papers at various national and international seminars. Ms. M.S. Deepa, doctoral student received fellowship from Department of Science & Technology, Govt.of India, to attend the 4th annual conference on *coming of age: dementia in 21st century* held at University of Stirling, Excel, London, on 19 - 24 October, 2010.

Table 5: Stipend Issued.

|  |  |  |
| --- | --- | --- |
| **Sl.****No** | **Name of the** **Programme** | **Stipend per month(in.`)** |
| 1 | Diploma programmes  |  250.00 |
| 2 | B.Sc. (Sp. & Hg.) |  400.00  |
| 3 | B.Sc. (Internship) | 1500.00 |
| 4 | B. S. Ed. (HI)  |  400.00 |
| 5 | M.Sc. (Audiology) |  650.00 |
| 6 | M.Sc. (SLP) |  650.00 |
| 7 | M.S.Ed. (HI) |  650.00 |
| 8 | PG Diploma programmes  |  500.00 |
| 9 | Ph. D. (1st and 2nd year) | 14000.00 + HRA |
| 10 | Ph. D. (3rd year) | 15000.00 + HRA |
| 11 | Post Doctoral Fellowship | 18750.00 + HRA |

**VI. Faculty**

Given the necessity of quality assurance in academic activities, more teaching faculty were recruited last year to cater for the growing student population. By the end of the fiscal year, the institute had a faculty strength of 53. This includes, 43 regular and 10 contract faculty. Category-wise, there were 35 lecturers, 9 readers and 9 professors. The size of faculty grew from 34 in 2009-10 to 53 in 2010-11.

Expertise in allied area such as Paediatrics, Pathology, Neurology and Genetics were augmented by inviting faculty from other premier institutions such as K. R. Hospital, Mysore; JSS Medical College, Mysore; BGS Apollo Hospital, Mysore who imbibed the students with their expert knowledge. Six guest faculty members belonging to allied area delivered their lectures last year.

**VII. Guest Lectures**

Many experts in speech and hearing and allied fields working in different organization world over visited the institute and delivered lectures on various topics last year as given in table 6

Table 6: Guest Lectures Delivered.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.****No** | **Name** | **Topic** | **Date** |
|  | Dr. Sivaratnamma L Vaya, Director, Institute of Behavior Sciences and Directorate of Forensic Sciences, Gandhi Nagar, Gujarat. | Professional identity of clinical psychologist in India - where are we: An introspection. | 19-05-10 |
|  | Ms. Rajashree Sreerangarajan, Speech Language Pathologist , Palo Alto, California, USA. | Pragmatic intervention : Application in autism spectrum disorders. | 12-08-10 |
|  | Ms. Jyothi Murthy, Speech-Language Pathologist and Coordinator of Speech Language Services, TIEE,USA. | Preparing young children with autism spectrum disorders to learn language. | 12-08-10 |
|  | Dr. D.S. Guru, Associate Professor, Dept. of Computer Science, University of Mysore, Mysore. | Choice based credit scheme**(**CBCS) | 20-10-10 |
|  | Dr. Giri Hegde,Professor Emeritus of Speech Language Pathology, California State University, Fresno, USA. | Clinical research methods in communication disorders and on professional writing. | 11-12-10 |
|  | Dr. M D. Ravi, Professor of Paediatrics &Vice- Principal (Clinical), JSS Medical College,Mysore. | Development of the auditory system. | 16-12-10 |
|  | Dr. T. K. Parthasarathy, Professor & Chairman, Dept of Special education, Southern Illinois University, USA. | Issues in assessment of auditory processing disorders in children.  | 16-12-10 |
|  | Mr. Apurv Kumar, Clinical Specialist, Cochlear, Bangalore. | Cochlear implant candidacy: Issues and challenges | 17-12-10 |
|  | Mr. Milind Sonawane , Speech - Language Therapist, Ireland. | Assessment and intervention of autism spectrum disorders for caregivers. | 30-12-10 |
|  | Dr.G.N. Rangamani, Professor, St. Cloud State University, U.S.A. | Student assessment procedures  | 27-01-11 |
|  | Dr. M.V. Kirtane, Professor Emeritus and ENT Consultant, Hinduja Hospital, Mumbai. | Evaluation of vestibular dysfunction: techniques and interpretation.  | 29-01-11 |
|  | Dr. Pranesha Rao, Senior Speech Language Pathologist and Audiologist, Bangalore. | Alternate management techniques of vestibular disorders | 30-01-11 |
|  | Dr. Suma P.Bhat, Post-doctoral researcher, University of Illinois, Urbana-Champaign and Consultant for Educational Testing Services, Princeton, USA. | Automatic assessment of oral fluency in second language speech. | 28-02-11 |

**In-House Training Programs**

The academic section had organised an in-house training program on ‘***Pedagogy and Evaluation Methods*** ‘under the coordination of Prof. Asha Yathiraj, Professor of Audiology & Academic Coordinator, on 17th November 2010.The objective of the program was to update and orient the faculty on the new and innovative techniques in pedagogy and evaluation methods, suiting the level of the programme (UG & PG).43 faculty members from various departments attended the program.