FIELD OF SPEECH LANGUAGE PATHOLOGY & AUDIOLOGY

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www.naishaudiospeech.com
Introduction

- The field of ASLP was started during Second World War and the field has grown up enormously all across the globe.

- This is one of the major Allied Health Science fields focusing majorly on rehabilitation of people with any kind of communication disorders.
Healthcare systems

- This is an integral part of Health Care delivery systems in India and abroad with lot of career opportunities.

- This field is directly associated many of the medical specialties such as ENT, Neurology, Pediatrics, Psychiatry, and Psychology which provides lot more career opportunities.
An Audiologist is a qualified professional who provides a comprehensive array of professional services related to the identification, diagnosis, and management of persons with Hearing Impairment, Balance and Related disorders.
Who is Speech Language Pathologist (SLP)?

- A SLP is a qualified professional who provides a comprehensive array of professional services related to the
  - identification,
  - diagnosis, and
- management of persons with Communication & Swallowing disorders.
An Audiologist/SLP is an independent professional such that his/her services and activities are not prescribed or supervised by another professional.

However, he/she often collaborates with other professionals for providing services.
Why do we require Audiologist/SLP?

- Approximately 5% of the total population in India are suffering with various communication disorders including Hearing Impairment, Mental Retardation, Cerebral Palsy, and so on.

- However, not even 1% of them are getting adequate clinical services/treatment for their problems due to limited professionals, lack of awareness and so on.
Why do we require Audiologist/SLP?

- The incidence and prevalence of disorders such as Autism, ADHD, Stroke and Dementia are on rise due to change in lifestyle among people.

- This makes the situation even more worse.

- Although, the field of ASLP was started around 50 years back, still there is no awareness among people and the number of qualified professionals are limited.
Why lack of manpower?

- Although All India Institute of Speech & Hearing, Mysore & AYJNIHH, Mumbai started training programs in 1960s, the number of trained students were limited due to limited resources.

- Only after 1990s, few private institutions have started this course.

- However, due to wide opportunities in abroad, many of the professionals have migrated to other countries such as USA, UK, Australia and so on.
At present there are 52 colleges which are offering BASLP course across India.

However, due to high demand and high pay scales in other countries, most of the professionals migrate to other countries.

This makes the situation even worse.
Requirements to run the course..

- As this is a rehabilitation course, all the institutes have to get prior approval from REHABILITATION COUNCIL OF INDIA (RCI), NEW DELHI along with University level permissions to run the course.
Rehabilitation Council of India

- RCI is a statutory body under Ministry of Social Justice and Empowerment, Government of India, New Delhi.

- It controls 14 rehabilitation specialties across India including ASLP.

- It is headed by Chairman, Member Secretary, Deputy Director (Acad) and others.
Functions of RCI

- Granting approvals to institutions to run the courses in rehabilitation specialties after thorough inspection on various parameters.

- Maintaining Central Rehabilitation Register of all qualified professionals.

- Regulating the Syllabus and structure for courses.
For any institution to start BASLP/MASLP course, it is mandatory to obtain approval from RCI.

Once the student completes either BASLP/MASLP, they should register with RCI to be eligible to practice in India.

www.rehabcouncil.nic.in
Available programs in ASLP

- Bachelors in Audiology & Speech Language Pathology/ B.Sc (Speech & Hearing)
- Masters in Audiology & Speech Language Pathology (MASLP)
- M.Sc (Audiology) – Specialization
- M.Sc (Speech Language Pathology) – Specialization
- Ph.D (Speech & Hearing)/ASLP
- Ph.D (Audiology) – Specialization
- Ph.D (Speech Language Pathology) – Specialization
- Post Doctoral Fellowship.
Professional Roles & Responsibilities

- The broad domains of responsibilities are:
  - Clinical Services
  - Prevention & Advocacy
  - Research, Training and Manpower development
  - Administration
WHO (2001) guidelines for ASLP

- Providing prevention, screening, consultation, assessment and diagnosis, management, counseling, and follow up services for disorders of:
  - Speech (i.e., articulation, fluency, resonance, and voice);
  - Language (i.e., phonology, morphology, syntax, semantics, and pragmatic/social aspects of communication) including comprehension and expression in oral, written, and manual modalities;
Clinical services

- Swallowing or other upper aerodigestive functions such as infant feeding
- Cognitive aspects of communication (e.g., attention, memory, problem solving).
- Auditory disorders
Clinical services

- Establishing augmentative and alternative communication techniques and strategies (e.g., speech generating devices).

- Using instrumentation to observe, collect data, and measure parameters of communication and swallowing.
Clinical services

- Selecting, fitting, and establishing effective use of prosthetic/adaptive devices for communication, swallowing & other aerodigestive functions (e.g., tracheo-esophageal prosthesis, speaking valves, electrolarynx).
Clinical services

- Educating and counseling individuals, families, coworkers, educators and other persons in the community regarding acceptance, adaptation, and decision making about communication & swallowing.
Clinical services

- providing referrals to other professionals as individual needs dictate.

- Providing services to modify or enhance communication performance (e.g., accent modification, professional voice care).
Other Professional roles and activities

- Conduct research related to communication sciences and disorders, & swallowing.
- Educate, supervise and mentor future speech language pathologists.
- Administer and manage clinical and academic programs.
- Educate and provide in-service training to families, caregivers and other professionals.
- Serve as expert witnesses.
- Provide services using tele-electronic diagnostic measures and treatment methodologies.
Practice settings

- Public and private schools.
- Health care settings – hospitals
- Private practice settings
- Universities and university clinics.
- Individual’s home.
- Group homes and sheltered workshops.
- Neonatal intensive care units, early intervention settings, preschools and day care centers.
- Research facilities
- Corporate and industrial settings
Organizations in other countries

- American Speech & Hearing Association (ASHA)
- Speech Pathology Australia
- Royal College of Speech Therapists Association (U.K.)
- Singapore Speech & Hearing Association
- New Zealand SLPA Association.
Report by US Dept. of Labor on Job Status

www.bls.gov/oh/healthcare/speech-language-pathologists.htm

UNITED STATES DEPARTMENT OF LABOR

Bureau of Labor Statistics

OCCUPATIONAL OUTLOOK HANDBOOK

Speech-Language Pathologists

Summary

Quick Facts: Speech-Language Pathologists

2012 Median Pay

Entry-Level Education

Work Experience in a Related Occupation

On-the-Job Training

Number of Jobs, 2012

Job Outlook, 2012-22

Employment Change, 2012–22

$59,870 per year

Master’s degree

None

None

124,100

19% (Faster than average)

25,000

What Speech-Language Pathologists Do

Speech-language pathologists (sometimes called speech therapists) assess, diagnose, treat, and help to prevent communication and swallowing disorders in patients. Speech-language pathologists work with children who have language delays or disorders and with children who are learning a second language. They also work with individuals who have difficulty communicating due to a stroke, head injury, or other medical condition.

Speech-language pathologists working in schools
Work Environment of SLPs in USA

Work Environment

Speech-language pathologists held about 134,100 jobs in 2012. Almost half of all speech-language pathologists work in schools. Most others work in healthcare facilities, such as hospitals. Some work in patients’ homes.

The industries that employed the most speech-language pathologists in 2012 were as follows:

- Elementary and secondary schools; state, local, and private: 41%
- Offices of physical, occupational and speech therapists, and audiologists: 17%
- Hospitals; state, local, and private: 13%
- Nursing and residential care facilities: 5%

Work Schedules
Work Environment of Audiologists in USA

Summary

Quick Facts: Audiologists

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<thead>
<tr>
<th>Year</th>
<th>Median Pay</th>
<th>Per Year</th>
<th>Per Hour</th>
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<tr>
<td>2012</td>
<td>$69,720</td>
<td>$33.52</td>
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</table>

Entry-Level Education: Doctoral or professional degree
Work Experience in a Related Occupation: None
On-the-job Training: None
Number of Jobs, 2012: 13,000
Job Outlook, 2012-22: 34% (Much faster than average)
Employment Change, 2012-22: 4,300

What Audiologists Do

Audiologists diagnose and treat a patient's hearing and balance problems using advanced technology and procedures.

Audiologists examine patients who have hearing, balance, or related ear problems.
SLP ranked as Top 30 in Best Jobs in USA
When The Words Are: Rewarding Career
Speech-Language Pathology Highly Ranked Nationally
(Rockville, MD - March 5, 2012) Does being a speech-language pathologist interest you? You may want to give it some thought once you look at U.S. News and World Report’s recently released Best Jobs of 2012, a leading career ranking.

Speech-language pathology ranked fourteenth among the top 25 jobs, third among social service jobs.

Deciding what to do in life often means looking at indicators like those U.S. News used to rank jobs: whether a field is projected to grow; whether its pay is competitive; and, whether job holders feel fulfilled.

"When speaking with professionals" in the social services category, U.S. News and World Report said, it "noticed a resounding theme. The majority of people who work in these jobs..."
One of the least stressful job in USA

6. Speech Pathologist

<table>
<thead>
<tr>
<th>Stress Rank</th>
<th>Stress Score</th>
<th>Hiring Outlook Rank</th>
<th>Hours Per Day</th>
<th>Income</th>
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<tr>
<td>25</td>
<td>12.43</td>
<td>28 out of 200</td>
<td>8</td>
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Speech pathologists treat hearing, speech, and language disabilities. They assist individuals with communication disorders through diagnostic techniques. Most of the speech pathologists work in schools or in hospitals. With medical advances and the aging baby boomers, the need for speech pathologists is expected to rise as will the opportunities for jobs.
Any Queries??

Contact us @

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