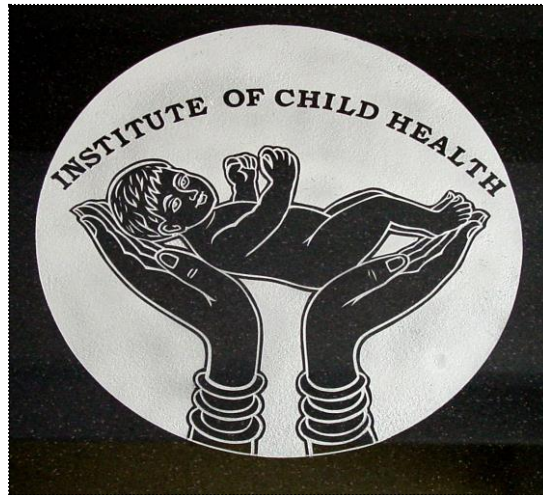


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**(AFFILIATED TO RAJIV GANDHI UNIVERSITY OF
HEALTH SCIENCES, KARNATAKA)**



**PROSPECTUS FOR FELLOWSHIP IN PAEDIATRIC
OTORHINOLARYNGOLOGY**

FORMAT FOR DESIGNING CURRICULUM FOR FELLOWSHIP PROGRAMME IN PAEDIATRIC OTORHINOLARYNGOLOGY

1. SUBJECT: FELLOWSHIP IN PEDIATRIC OTORHINOLARYNGOLOGY

1. (A) GOALS

- To ensure expertise in the field of pediatric otorhinolaryngology
- To provide basic and advanced training in pediatric otorhinolaryngology producing highly competent doctors in this field
- To be able to provide clinical care of the highest order to the children affected with ORL disorders
- To inculcate further human values of empathy, ethics, care and discipline with a sound background of knowledge and clinical skill to practice pediatric otorhinolaryngology
- To empower the doctor with a necessary knowledge/expertise required to set up a pediatric otorhinolaryngology Unit encouraging set ups in the far reach areas.

(B) OBJECTIVES OF THE COURSE

- To acquire knowledge and be conversant with common pediatric otorhinolaryngology problems their etiology, pathophysiology, diagnosis, management and prevention.
- To acquire knowledge with respect to organizing and managing a tertiary level pediatric otorhinolaryngology care units
- To be able to early diagnose and manage pediatric otorhinolaryngology disorders.
- To involve in active research in the field of pediatric otorhinolaryngology and to publish research papers in peer reviewed journals.
- To involve in active teaching of otorhinolaryngology residents and pediatric postgraduates residents.
- Fellows to be able to utilize clinical time to develop and refine their skill in the management of acute pediatric otorhinolaryngology problems and communicate with children and to have effective interdepartmental relationship.
- To exhibit skill of a good team worker along with fellow colleagues, nurses and paramedical workers.
- To be able to organize CME programmes.

DUTIES AND RESPONSIBILITIES OF A FELLOW

- To attend regular OPD and operation theater work on all six days of a week and half days on general holidays on rotation basis
- To see all the cases presenting to pediatric otorhinolaryngology OPD, take history, clinical examination, document all the findings in case sheet, prepare a problem sheet and plan appropriate management under supervision.

- To attend all the pediatric otorhinolaryngology referral cases admitted in PICU/NICU and general wards
- To maintain all OPD/ procedure/inpatient/interesting case register up to date
- To perform all procedures necessary for care of children
- To involve in academic activities and attend all teaching programmes conducted in the pediatric otorhinolaryngology department like seminars/journal clubs/case presentation /specialty clinics
- To maintain log book duly signed by the head of department
- Work as an effective member of the health care team.
- To attend conferences/CME programmes in pediatric otorhinolaryngology and present papers and update their knowledge
- To actively interact with other department colleagues and their suggestions in the diagnosis and management of cases.
- Educate parents in the management of pediatric otorhinolaryngology problems.

(C) COURSE CONTENTS:

SYLLABUS

GENERAL

- General considerations in Pediatric Otorhinolaryngology
- Developmental Anatomy
- Imaging in Pediatric ORL
- Anaesthesia in Pediatric ORL surgery

OTOLOGY

- Early detection & diagnosis of infant hearing impairment
- Management of deaf child
- Congenital malformation of ear in children
- Acute otitis media in children
- Otitis media with effusion
- Chronic otitis media

- Cochlear implantation in children
- Trauma in otology
- Facial paralysis in children

RHINOLOGY

- Nasal foreign bodies, Epistaxis and Nasal trauma
- Management of Choanal atresia
- Allergic Rhinitis
- Rhinosinusitis in Children

TONSILS AND ADENOIDS

PHARYNX, LARYNX, TRACHEA & ESOPHAGUS

- Evaluation & management of the Pediatric Airway
- Congenital disorders of the Larynx, Trachea & Bronchi
- Acquired disorders of the larynx in children
- Laryngeal webs, cysts and subglottic hemangiomas
- Voice disorders
- Stridor
- Post intubation Laryngotracheal stenosis
- Congenital & acquired tracheal stenosis in children
- Tracheomalacia in children
- Tracheostomy in Children
- Aerodigestive Foreign bodies and caustic ingestions
- Recurrent Respiratory Papillomatosis
- Laryngopharyngeal & gastroesophageal reflux disease
- Aspiration & swallowing disorders

CERVICOFACIAL INFECTIONS IN CHILDREN

DIAGNOSTIC AND THERAPEUTIC PROCEDURE

DIAGNOSTIC

- Diagnostic nasal endoscopy (DNE)
- Video direct laryngoscopy (VDL)
- Examination under microscopy (EUM)
- Laryngo tracheo bronchoscopy (LTB)

THERAPEUTIC

- Adenoidectomy
- Tonsillectomy
- Choanal atresia repair

- Septoplasty
- Functional endoscopic sinus surgery (FESS)
- Endoscopic DCR
- Fracture nasal bone reduction
- Myringotomy & grommet insertion
- Myringoplasty
- Tympanoplasty
- Cortical mastoidectomy
- Modified radical mastoidectomy
- Cochlear implantation
- Rigid & flexible Laryngo trachea bronchoscopy
- Micro laryngeal surgery
- Tracheostomy
- Airway reconstruction surgery

(D) TEACHING AND TRAINING MODULES

- Monthly one seminar by each fellow
- Weekly journal club/case presentation
- Interesting case discussion once in 15 days, with interdepartmental staff
- Everyday rounds in NICU/PICU/general wards
- Pediatric ORL grand rounds every month.
- Attend community work like camps , field visits
- Research study by each fellow and publication of the same in peer reviewed journal
- Two publications by each fellow (clinical study/case series/case report/review article/chapters also encouraged)/ presentation at state and national conference.
- 15 days posting in alleged subjects to improve their skills in managing multidisciplinary approach.
- Clinical care of in-patients including the day care patients, ward patients and ICU patients.
- Surgical training of candidates in all the varieties of paediatric otorhinolaryngology problems

POSTINGS IN ALLIED SUBJECTS:

- Pediatric Emergency – PICU & NICU
- Pediatric Surgery
- Pediatric gastroenterology
- Pediatric Radiology

(E) To attend training in research methodology

(F) To maintain log book/diary of all activities done in the department/research studies/interesting cases seen/ ward rounds/ teaching programmes.

(G) SCHEME OF EXAMINATION

THEORY EXAMINATION – includes 2 theory papers 100 marks each.

- Two long essays(20 marks each)
- Remaining six short essays (10 marks each)

PRACTICAL EXAMINATION – 2 Cases – 75 marks each

VIVA VOCE – 50 marks

Total – 400 marks

(H) RECOMMENDED BOOKS & JOURNALS

1. Bluestone & Stools : Pediatric Otolaryngology
2. Pediatric otolaryngology- Head and neck surgery : Clinical reference guide by Parikh
3. Pediatric otolaryngology by Scott R Schoem
4. Pediatric Otolaryngology Diagnosis & treatment by Kirtane
5. Surgical Pediatric Otolaryngology by Potsic
6. Surgical technique in Otolaryngology by Staloff
7. Cummings Pediatric Otolaryngology
8. Scott Browns Otolaryngology: Pediatric Otolaryngology by WG Scott Brown
9. Pediatric ENT by Jhon M Graham
10. International journal of Pediatric otorhinolaryngology
11. Indian journal of otolaryngology and head & neck surgery
12. Indian journal of Otology

Duration of Course:

12 Months (full time work as per RGUHS guidelines and not permitted to work elsewhere)

Eligibility:

1. MS (Otorhinolaryngology), DNB or its Equivalent/ Post Diploma with three years experience

Selection:

- Candidates will be selected from 4 member panel by interview (Approved by RGUHS)
- If necessary entrance test will be conducted.

Fees & Stipend:

Fees for the course :As per IGICH norms
Monthly stipend : As per IGICH norms

*In the event of the candidate leaving the course by discountenance or otherwise and thus failing to complete course;

1. The fee paid by candidate will not be refunded.
2. The stipend drawn by the candidate from the Institute during the period of the Fellowship programme to be paid to Institute.

Experience:-

Preference will be given to candidates having three years experience after post graduation in the concerned specialty.

Attendance & Leave:

As per University Guidelines

Faculty:

Staff from Indira Gandhi Institute of Child Health, Bangalore.

Copies of certificates to be enclosed with application (Originals at the time of Interview)

1. Photos –2
2. SSLC Marks card.
3. MBBS Degree Certificate and marks cards for all the four years.
4. MS (Ortho)Certificates / Marks card / Convocation Certificates
5. KMC Registration Certificate(updated qualification)
6. Application of in-service candidates should be routed through proper channel only.
7. Experience Certificate if any.

*** This Fellowship Programme is not recognized by Medical Council of India**